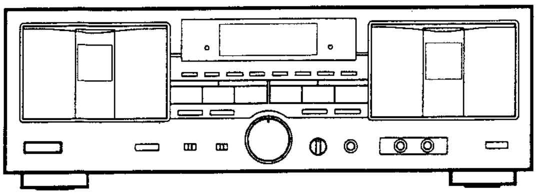
TEAC



PARTS LIST

W-850R

Double Auto Reverse Cassette Deck

Use this Parts List with W-800R's Service Manual (Part No. 5704066500) for other required informations. The operating procedure and alignment method etc. are same as model W-800R.

NOTES

- ●PC boards shown are viewed from parts side.
- ●Parts marked with ＊ require longer delivery time.
- ●The parts with no reference number or no parts number in the exploded views are not supplied.
- ●As regards the resistors and capacitors, refer to the circuit diagrams of W-800R.
- ●⚠ Parts marked with this sign are safety critical components. They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- ●Parts of [ ] mark can be used only with the version designated.
  [J]:JAPAN [C]:CANADA [GE]:GENERAL EXPORT [E]:EUROPE
  [UK]:U.K. [A]:AUSTRALIA

本パーツリストは、**W-800R**サービスマニュアル（品番：5704066500）と合わせてお使いください。操作手順、調整方法等は**W-800R**と同じです。

注 意

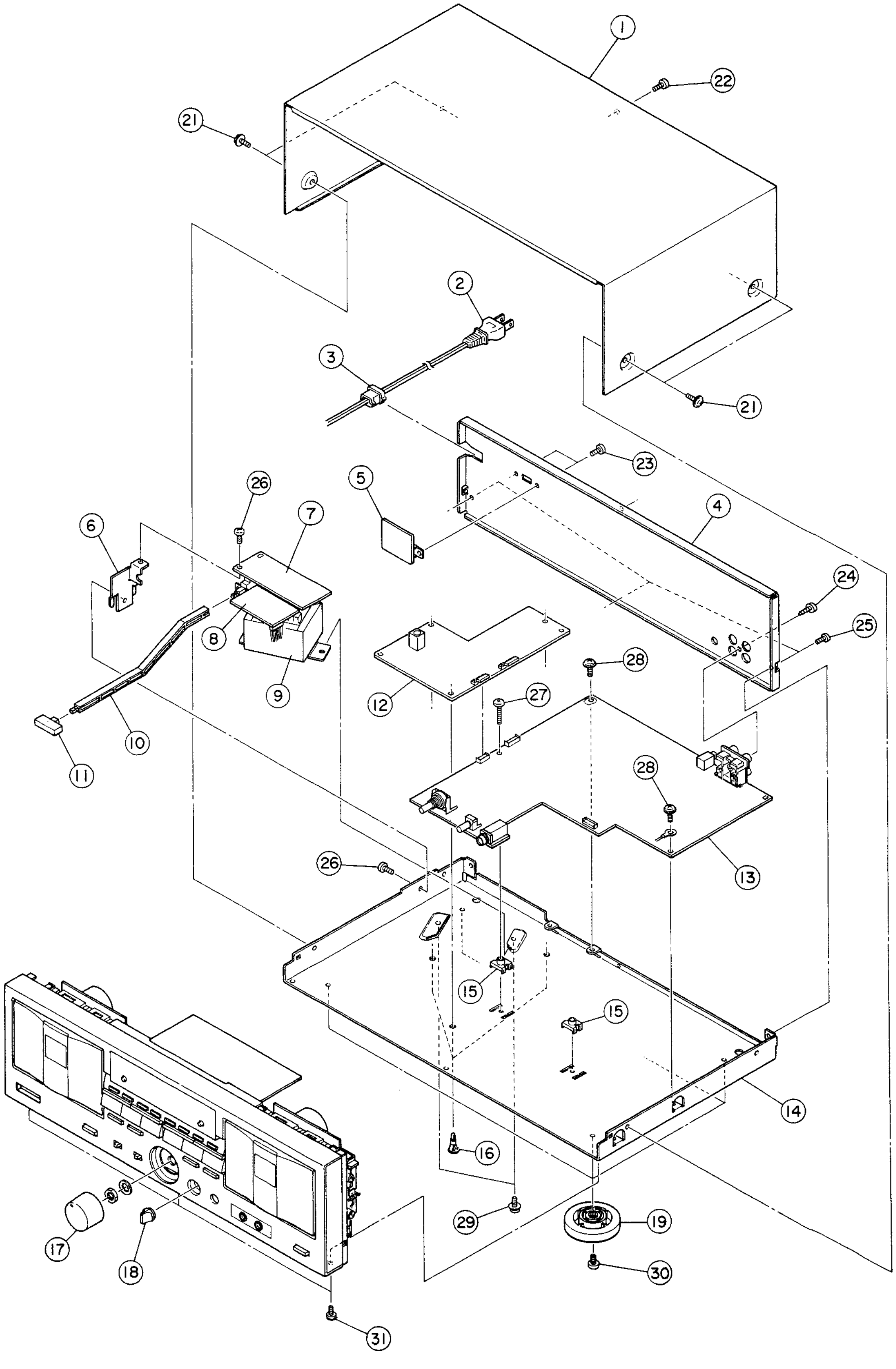
- ●プリント基板図は部品面が示されています。
- ●＊印の部品は納期が若干かかります。
  あらかじめご了承ください。
- ●分解図に部番のない部品及び品番のない部品は供給しません。
- ●標準の抵抗、コンデンサーは省略してあります。
  W-800Rの回路図を参照してください。
- ●⚠印は安全重要部品です。
  交換する時は必ずティアック指定の部品を使用してください。
- ●仕向先
  [J]:JAPAN [C]:CANADA [GE]:GENERAL EXPORT [E]:EUROPE
  [UK]:U.K. [A]:AUSTRALIA

D00190800A

5 EXPLODED VIEWS AND PARTS LIST

分解図とパーツリスト

EXPLODED VIEW-1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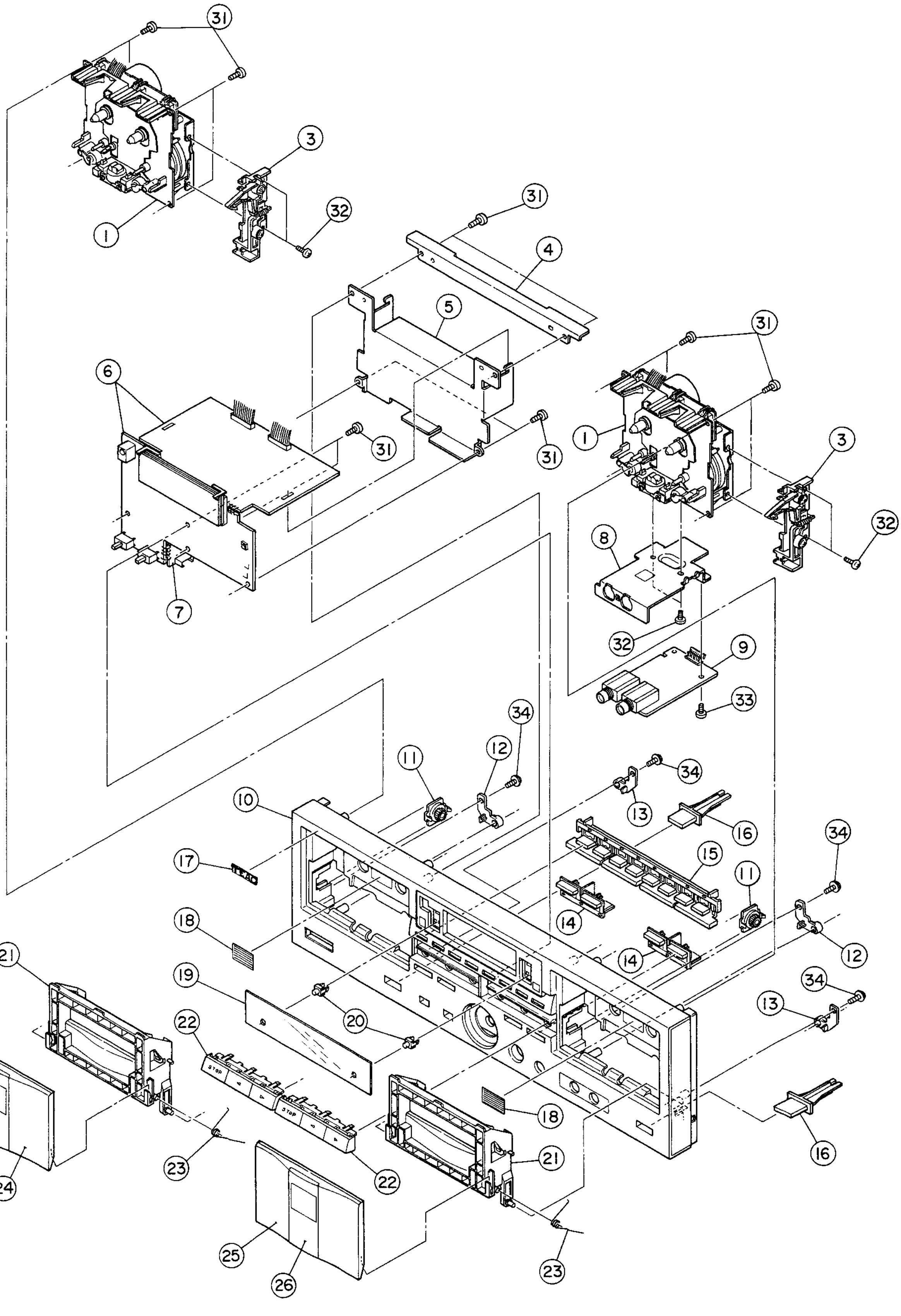
EXPLODED VIEW-1

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1- 1	*9260155904	BONNET	
1- 2	⚠ 9109025711	AC CORD, CEE [E]	
	⚠ 9109025810	AC CORD, UL [GE]	
	⚠ 9109027700	AC CORD WITH FUSE [UK]	
	⚠ 9109026010	AC CORD [A]	
	⚠ 9109026112	AC CORD [J]	
	⚠ 9109026210	AC CORD, UL [C]	
1- 3	⚠ 9121000102	BUSHING, #2271	
1- 4	*9260181502	REAR PANEL [C]	
	*9260183102	REAR PANEL [GE]	
	*9260185902	REAR PANEL [J, E, UK, A]	
1- 5	*9145123500	SELECTOR SW PCB ASSY [GE]	
1- 6	*9260175500	LINKAGE BRACKET	
1- 7	*9145123400	TRANS PCB A ASSY [C]	
	*9145123410	TRANS PCB A ASSY [E, UK, A]	
	*9145123420	TRANS PCB A ASSY [GE]	
	*9145123430	TRANS PCB A ASSY [J]	
1- 8	*9145123600	TRANS PCB B ASSY	
1- 9	⚠ 9125101000	POWER TRANSFORMER [C]	
	⚠ 9125101200	POWER TRANSFORMER [EXCEPT C]	
1-10	*9260182600	POWER LINKAGE	
1-11	9260132900	POWER BUTTON	
1-12	*9145123830	REC AMP PCB ASSY	
1-13	*9145123131	MAIN PCB ASSY	
1-14	----------	MAIN CHASSIS	
1-15	*9260151300	PCB SUPPORT	
1-16	*9260184800	PCB SUPPORT, H=8	
1-17	9260156500	VR KNOB	
1-18	9260151001	KNOB, PAN CAP	
1-19	*9260113901	FOOT ASSY	
1-21	*9783053006	SCREW, CAP-S M3X6 (BLK)	
1-22	*9783593008	SCREW, C-TITE M3X8 (NI-BLK)	
1-23	*9783233006	SCREW, BTT-S M3X6 (BLK) [GE]	
1-24	*9783613008	SCREW, BTT-P M3X8 (BLK)	
1-25	*9783233006	SCREW, BTT-S M3X6 (BLK)	
1-26	*9783203006	SCREW, BTT-S M3X6	
1-27	*9783203014	SCREW, BTT-S M3X14	
1-28	*9783103006	SCREW, CAP-S M3X6	
1-29	*9783294008	SCREW, BTB-S M4X8	
1-30	*9783203008	SCREW, BTT-S M3X8	
1-31	*9783553007	SCREW, STK 3X6.9	

INCLUDED ACCESSORIES 付属品

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
	*9101399100	OWNER'S MANUAL, JAPANESE [J]	
	*9101398900	OWNER'S MANUAL, ENGLISH [EXCEPT J]	
	*9101399000	OWNER'S MANUAL, 5-LANGUAGE [C, E]	
	*9109027101	IN OUTPUT CORD	
	*9151001500	REMOTE CONTROL UNIT, RC-506 [J, E]	
	*5347016500	BATTERY, UM-4 [J, E]	

EXPLODED VIEW-2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TEAC
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18
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20
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STOP
STOP
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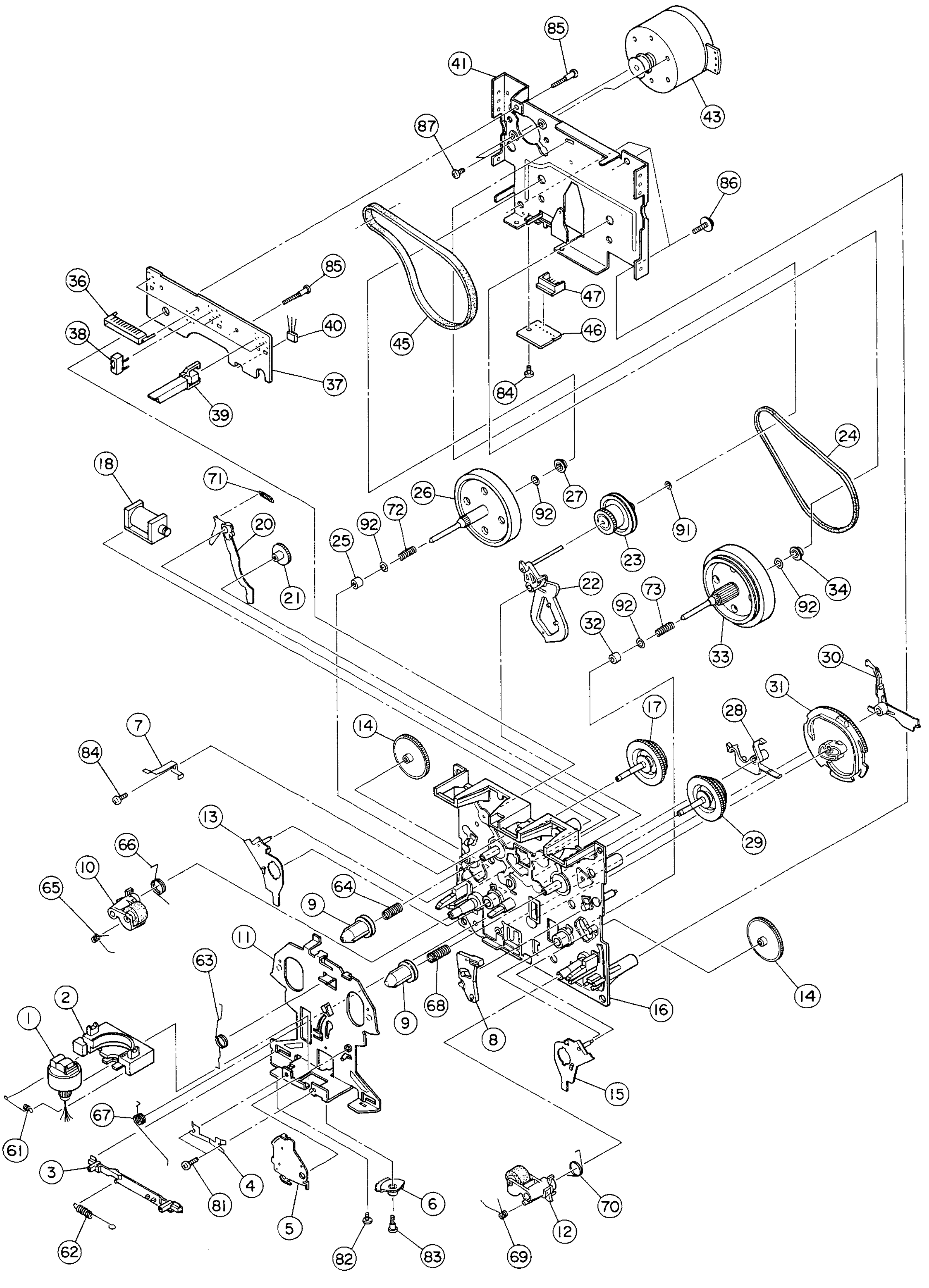
EXPLODED VIEW-2

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
2- 1	*9278033503	MECH ASSY, R/P CRF-482	
2- 3	9260185401	EJECT ASSY	
2- 4	*9260181602	TOP BRACKET	
2- 5	*9260185304	SHIELD PLATE	
2- 6	*9145123231	CONTROL PCB ASSY	
2- 7	*9145123301	CONNECTOR PCB ASSY	
2- 8	*9260181700	JACK BRACKET	
2- 9	*9145124330	MIC JACK PCB ASSY	
2-10	*9260221100	FRONT PANEL ASSY	
2-11	9260077301	DAMPER	
2-12	9260185001	STOPPER CASE, L	
2-13	*9260185101	STOPPER CASE, R	
2-14	*9260182001	REC BUTTON	
2-15	9260182301	FF/REW BUTTON	
2-16	9260182501	EJECT BUTTON	
2-17	*9260188300	TEAC EMBLEM	
2-18	*9260205700	REFLECT TAPE	
2-19	*9260218701	METER COVER	
2-20	*9260182400	CLEAR BUTTON	
2-21	*9260181901	LEAD CASE	
2-22	*9260182101	PLAY BUTTON	
2-23	*9260183201	SPRING CASE	
2-24	*9260220200	LEAD DOOR 1	
2-25	*9260220300	LEAD DOOR 2	
2-26	*9260218000	LID COVER	
2-31	*9783603008	SCREW, BTT-P M3X8	
2-32	*9783202006	SCREW, BTT-S M2X6	
2-33	*9783002606	SCREW, PTT-S M2.6X6	
2-34	*9783413008	SCREW, CAP-P M3X8 (BLK)	

EXPLODED VIEW-3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EXPLODED VIEW-3

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
3- 1	9278336800	ASSY HOLDER HEAD	
3- 2	*9278330100	FLAME HEAD	
3- 3	*9278330200	LEVER HEAD	
3- 4	*9278330300	SPRING AZIMUTH	
3- 5	*9278330400	ASSY ARM ASSIST	
3- 6	*9278330500	GEAR ARM HEAD	
3- 7	*9278330600	SPRING CASSETTE	
3- 8	*9278330700	EJECT LOCK	
3- 9	*9278330800	CAP REEL	
3-10	9278330900	ASSY PINCH ARM L	
3-11	*9278331000	CHASSIS HEAD	
3-12	9278331100	ASSY PINCH ARM R	
3-13	*9278331200	ARM PLAY L	
3-14	9278331300	GEAR PLAY	
3-15	*9278331400	ARM PLAY R	
3-16	*9278331500	CHASSIS OS.	
3-17	9278331600	ASSY SUB REEL L	
3-18	9278331700	SOLENOID	
3-20	*9278331900	ARM RVS	
3-21	9278332000	GEAR FF	
3-22	*9278332100	ASSY ARM FR	
3-23	9278332201	ASSY PULLEY FR	
3-24	9278332302	BELT, FR	
3-25	9278332400	METAL	
3-26	*9278332501	ASSY FLYWHEEL, L	
3-27	*9278332600	METAL	
3-28	9278332700	ARM BRAKE	
3-29	9278332800	ASSY SUB REEL R	
3-30	9278332900	ARM TRIGGER	
3-31	9278333000	GEAR CAM	
3-32	*9278333100	METAL	
3-33	9278333202	ASSY FLYWHEEL, R	
3-34	*9278333300	METAL	
3-36	*9278333500	HOLDER WIRE	
3-37	*9278333600	P. C. BOARD	
3-38	*9278333700	SWITCH, MODE	
3-39	*9278333800	SWITCH, LEAF	
3-40	*9278333900	HALL IC	
3-41	*9278334000	BRACKET FW	
3-43	9278334101	ASSY MOTOR	
3-45	9278334302	BELT, MAIN	
3-46	*9278334400	P. C. BOARD	
3-47	*9278337000	HOUSING	
3-61	*9278334600	SPRING	
3-62	*9278334700	SPRING	
3-63	*9278334800	SPRING	
3-64	9278334900	SPRING	
3-65	*9278335000	SPRING	
3-66	*9278335100	SPRING	
3-67	*9278335200	SPRING	
3-68	9278335300	SPRING	
3-69	*9278335400	SPRING	
3-70	*9278335500	SPRING	
3-71	*9278335600	SPRING	
3-72	9278335700	SPRING	
3-73	*9278335800	SPRING	
3-81	*9278335900	SCREW	
3-82	*9278336000	SCREW	
3-83	*9278336100	SCREW	
3-84	*9278336200	SCREW	
3-85	*9278336300	SCREW	
3-86	*9278336400	SCREW	
3-87	*9278154700	SCREW	
3-91	*9278336600	WASHER	
3-92	9278336700	WASHER	

6 PC BOARDS AND PARTS LIST

基板図とパーツリスト

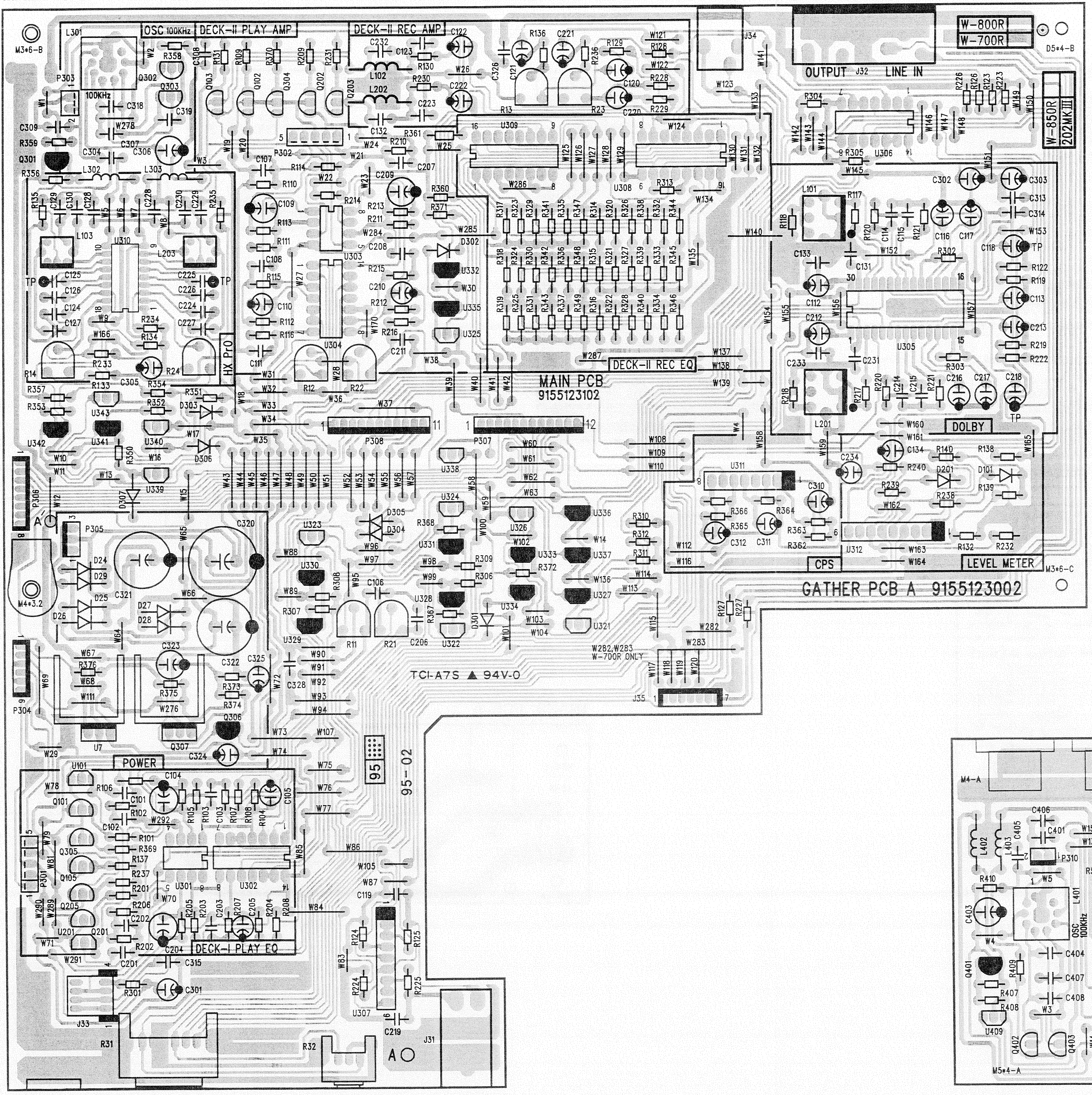
MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123131	MAIN PCB ASSY
	*9155123102	MAIN PCB
	*9781801000	NUT, REC VR M9
	*9294005900	WASHER, REC VR 9.1
	9260069801	HEAT SINK
	*9783213008	SCREW, BTT-B M3X8
	9229021000	EARTH PLATE, A
C320	⚠ 9117302000	C, ELEC 3300UF/16V
C321	⚠ 9117303400	C, ELEC 1000UF/16V
C322	⚠ 9117273501	C, ELEC 2200UF/16V
D 24- 29	⚠ 9165020550	DIODE, 1N4003
D101, 201	9165022150	DIODE, 1SS133T
D301-307	9165022150	DIODE, 1SS133T
J 31	9143327000	PHONE JACK
J 32	9143188010	PIN JACK, 4P
J 33	9143422000	CONNECTOR, 4P
J 34	9143800000	MINIATURE JACK
J 35	9143337000	CONNECTOR PLUG, 7P
L101, 201	9122019400	LOW-PASS FILTER, MPX
L102, 202	9122019300	COIL, 22MH
L103, 203	9173007700	COIL, STEP UP
L301	9173008200	COIL, OSC 100KHZ
L302, 303	9173006350	COIL, 220UH
P304	9143329000	CONNECTOR PLUG, 6P
P305	9143171000	CONNECTOR PLUG, 3P
P306	9143325000	CONNECTOR SOCKET, 8P
P307	9143240000	CONNECTOR PLUG, 12P
P308	9143239000	CONNECTOR PLUG, 11P
Q101, 201	9163309420	TR, 2SC1815GR
Q102, 202	9163309420	TR, 2SC1815GR
Q103, 203	9163311520	TR, 2SC2240GR
Q105, 205	9163311520	TR, 2SC2240GR
Q301	9163009920	TR, 2SA1015GR
Q302, 303	9163309420	TR, 2SC1815GR
Q304, 305	9163311520	TR, 2SC2240GR
Q307	⚠ 9167027600	IC, M5F79M07L
R 11, 21	9112059810	VR, SEMI-FIXED 10K (B)
R 12, 22	9112059810	VR, SEMI-FIXED 10K (B)
R 13, 23	9112057010	VR, SEMI-FIXED 22K (B)
R 14, 24	9112059810	VR, SEMI-FIXED 10K (B)
R 31	9172021700	VR, REC 50KAX2
R 32	9172021300	VR, BALANCE 100KWX1
U 7	⚠ 9167027500	IC, M5F78M07L
U101, 201	9163310320	TR, RN1203
U301, 303	9167014000	IC, UPC4570C
U302, 304	9167009800	IC, TC4066BP
U305	9167019200	IC, CXA1331S
U306	9167009800	IC, TC4066BP
U307	9167012100	IC, NJM4558S
U308	9167019600	IC, CXA1198AP
U309	9167018900	IC, BU4051B
U310	9167012800	IC, UPC1297CA
U311	9167027400	IC, M51143AL
U312	9167012100	IC, NJM4558S
U321-326	9163310320	TR, RN1203
U327-337	9163011120	TR, RN2203
U338-340	9163310320	TR, RN1203
U341, 342	9163011120	TR, RN2203
U343	9163310320	TR, RN1203

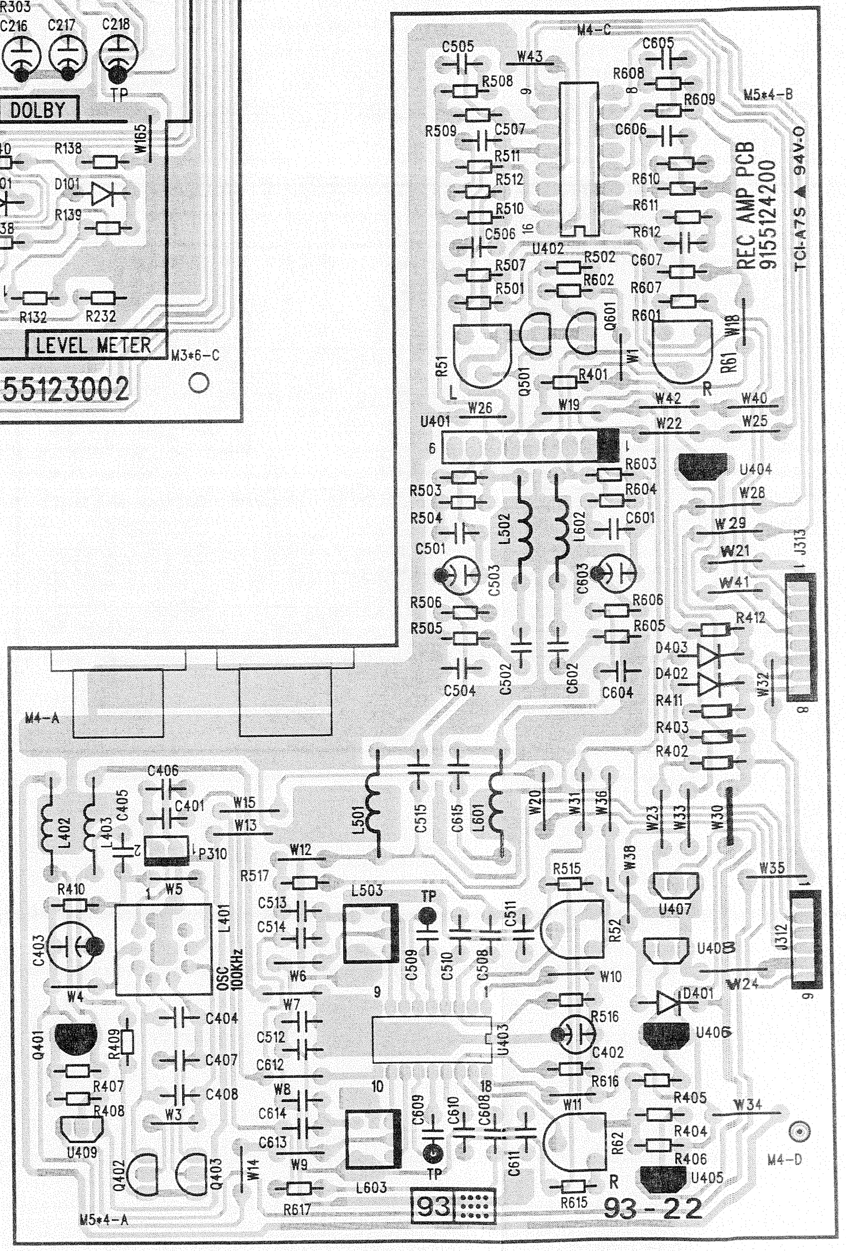
REC AMP PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123830	REC AMP PCB ASSY
	*9155124200	REC AMP PCB
D401-403	9165022150	DIODE, 1SS133T
J312	9143334000	CONNECTOR SOCKET, 6P
J313	9143324000	CONNECTOR PLUG, 8P
L401	9173008200	COIL, OSC 100KHZ
L402, 403	9173006350	COIL, 220UH
L501, 601	9122019300	COIL, 22MH
L502, 602	9122018910	COIL, 8.2MH
L503, 603	9173007700	COIL, STEP UP
P310	9143170000	CONNECTOR PLUG, 2P
Q401	9163009920	TR, 2SA1015GR
Q402, 403	9163309420	TR, 2SC1815GR
Q501, 601	9163310620	TR, 2SC2878A
R 51, 61	9112057010	VR, SEMI-FIXED 22K (B)
R 52, 62	9112059810	VR, SEMI-FIXED 10K (B)
U401	9167012100	IC, NJM4558S
U402	9167019800	IC, BU4052B
U403	9167012800	IC, UPC1297CA
U404-406	9163011120	TR, RN2203
U407-409	9163310320	TR, RN1203

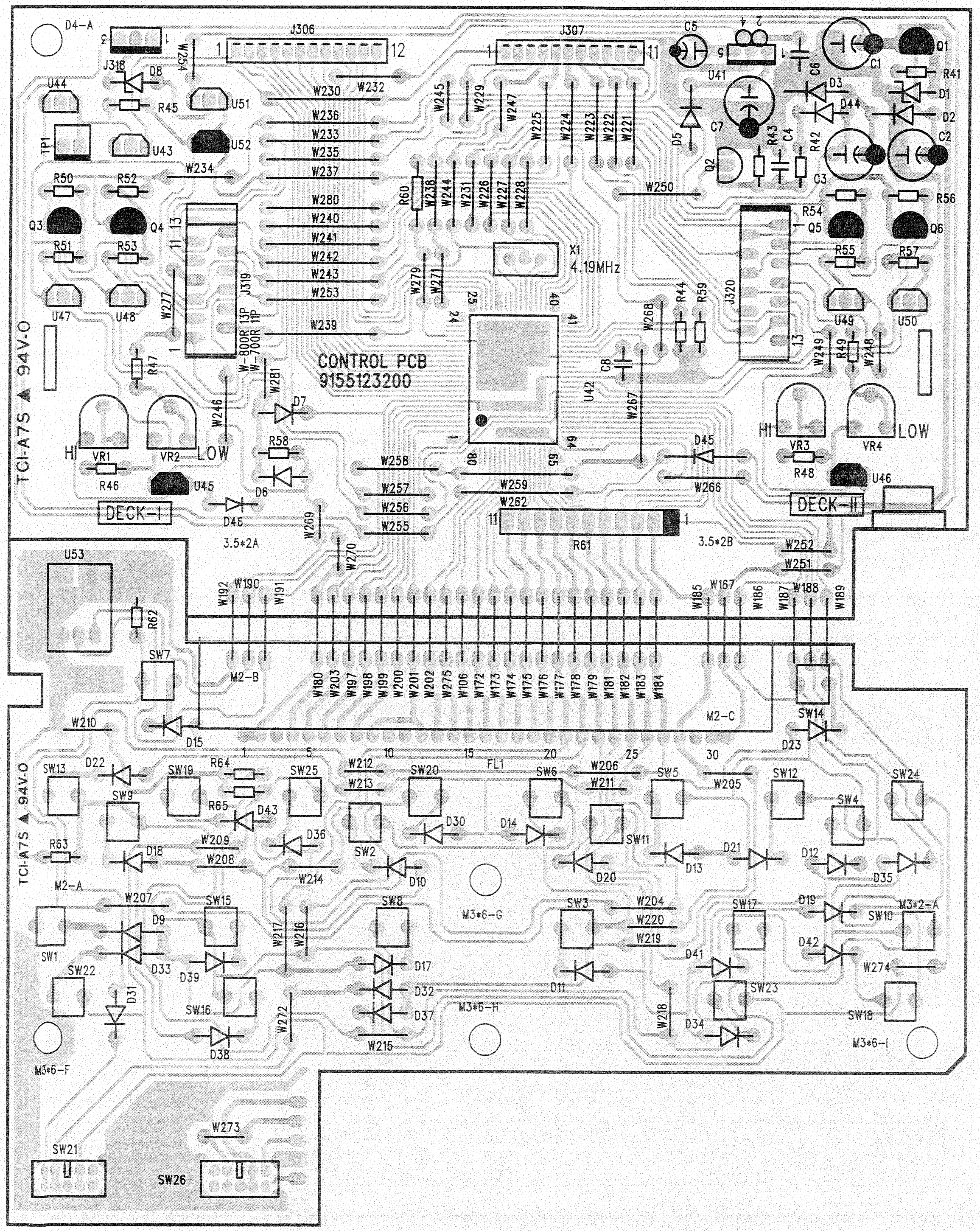
MAIN PCB


OSC 100KHz
DECK-II PLAY AMP
DECK-II REC AMP
OUTPUT
LINE IN
W-800R
W-700R
W-850R
202MKIII
MAIN PCB
9155123102
DECK-II REC EQ
HX PrO
DOLBY
CPS
LEVEL METER
GATHER PCB A 9155123002
W282,W283 W-700R ONLY
TCI-A7S ▲ 94V-0
POWER
DECK-I PLAY EQ
95-02
95
M3*6-B
D5*4-B
M3*6-C
M4*3.2
J31
J32
J33
J34
J35
P303
P304
P305
P306
P307
P308
P301
P302

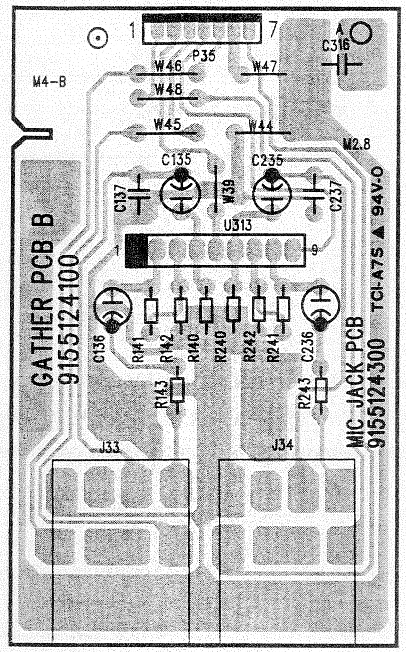
REC AMP PCB


REC AMP PCB
9155124200
TCI-A7S ▲ 94V-0
M4-C
M5*4-B
M4-A
M4-D
M5*4-A
OSC 100KHz
J312
J313
P310
93
93-22

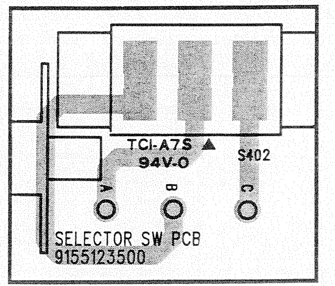
CONTROL PCB


CONTROL PCB
9155123200
TCI-A7S ▲ 94V-O
J306
J307
J318
J319
J320
X1
4.19MHz
U41
U42
U43
U44
U45
U46
U47
U48
U49
U50
U51
U52
U53
Q1
Q2
Q3
Q4
Q5
Q6
C1
C2
C3
C4
C5
C6
C7
C8
VR1
VR2
VR3
VR4
HI
LOW
DECK-I
DECK-II
3.5*2A
3.5*2B
R61
FL1
M2-A
M2-B
M2-C
M3*6-F
M3*6-G
M3*6-H
M3*6-I
M3*2-A
SW21
SW26
W273
D4-A
TP1

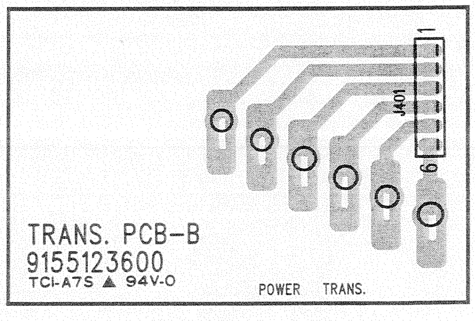
MIC JACK PCB


P35
C316
M4-B
W46
W47
W48
W45
W44
M2.8
C135
C235
C137
C237
U313
W39
GATHER PCB B
9155124100
MIC JACK PCB
9155124300
TCI-A7S ▲ 94V-O
C136
C236
R141
R142
R140
R240
R242
R241
R143
R243
J33
J34

SELECTOR SW PCB


TCI-A7S ▲
94V-O
S402
A
B
C
SELECTOR SW PCB
9155123500

TRANS. PCB B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J401
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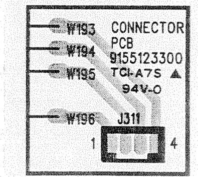
TRANS. PCB-B
9155123600
TCI-A7S ▲ 94V-O
POWER TRANS.

CONNECTOR PCB


W193
W194
W195
W196
CONNECTOR PCB
9155123300
TCI-A7S ▲
94V-O
J311
1
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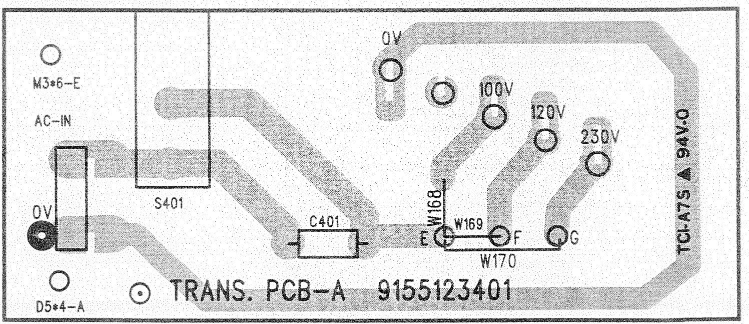
TRANS. PCB A


M3*6-E
AC-IN
S401
0V
100V
120V
230V
C401
W168
W169
W170
E
F
G
0V
D5*4-A
TCI-A7S ▲ 94V-O
TRANS. PCB-A 9155123401

CONTROL PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123231	CONTROL PCB ASSY
	*9155123200	CONTROL PCB
	*9260184201	FL SPACER, L
	*9260185201	FL SPACER, R
D 1	9166051550	DIODE, ZENER MTZJ27B
D 2, 3	⚠ 9165020550	DIODE, 1N4003
D 5	9165020550	DIODE, 1N4003
D 6, 7	9165022150	DIODE, 1SS133T
D 8	9166051650	DIODE, ZENER MTZJ3. 9B
D 9-15	9165022150	DIODE, 1SS133T
D17-23	9165022150	DIODE, 1SS133T
D30-39	9165022150	DIODE, 1SS133T
D41-46	9165022150	DIODE, 1SS133T
FL1	9174015700	FL DISPLAY, BJ-185GKB
J318	9143171000	CONNECTOR PLUG, 3P
J319, 320	9143333000	WIRE CONNECTOR, 13P
Q 1	⚠ 9163009920	TR, 2SA1015GR
Q 2	9163309420	TR, 2SC1815GR
Q 3- 6	9163011620	TR, 2SA1020Y
R61	9111252000	RESISTOR ARRAY, 100KX10
SW 1-20	9136001820	SW, TACT
SW21, 26	9135033200	SW, SLIDE
SW22-25	9136001820	SW, TACT
TP1	9160013000	TP PIN JST, 2P
U41	9167018500	IC, L78LR05D-MA
U42	5220834900	IC, UPD78042GF-046
U43, 44	9163310320	TR, RN1203
U45, 46	9163011120	TR, RN2203
U47-51	9163310320	TR, RN1203
U52	9163011120	TR, RN2203
U53	9167024400	REMOTE CONT. MODULE
VR1- 4	9112059910	VR, SEMI-FIXED 2. 2K (B)
X 1	5347017700	OSC CERAMIC, EFO-GC4194A4

MIC JACK PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145124330	MIC JACK PCB ASSY
	*9155124300	MIC JACK PCB
J33, 34	9143281010	MIC JACK
P35	9143335000	CONNECTOR SOCKET, 7P
U313	9167012100	IC, NJM4558S

CONNECTOR PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123301	CONNECTOR PCB ASSY
	*9155123300	CONNECTOR PCB
J311	9143442000	CONNECTOR, 4P

SELECTOR SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123500	SELECTOR SW PCB ASSY [GE]
	*9155123500	SELECTOR SW PCB
	⚠ 9134010700	SW, AC SELECTOR

TRANS PCB B ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123600	TRANS PCB B ASSY
	*9155123600	TRANS PCB, B

TRANS PCB A ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	*9145123400	TRANS PCB A ASSY [C]
	*9145123410	TRANS PCB A ASSY [E, UK, A]
	*9145123420	TRANS PCB A ASSY [GE]
	*9145123430	TRANS PCB A ASSY [J]
	*9155123401	TRANS PCB, A
	5327009600	TERMINAL, LAPPING 2P [E, UK, A]
C401	⚠ 9120000100	SPARK KILLER 0. 0047UF/400V
S401	⚠ 9135036600	SW, POWER

W-850R

TEAC

ティアック株式会社	オーディオ部	☎ (0422) 52-5073	〒180 東京都武蔵野市中町3－7－3	
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	大阪営業所	☎ (06) 384-5201㈹	〒564 吹田市垂水町3－34－10	
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TEAC UK LIMITED	5 Marlin House, Marlins Meadow, The Croxley Centre, Watford, Herts. WD1 8YA, U.K.	Phone:01923-819699
TEAC DEUTSCHLAND GmbH	Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany	Phone:0611-71580
TEAC FRANCE S.A.	17, Rue Alexis-de-Tocqueville, CE 005 92182 Antony Cedex, France	Phone:(1)42.37.01.02
TEAC NEDERLAND BV	Perkinsbaan 11, 3439 ND Nieuwegein, Nederland	Phone:03-402-30229
TEAC AUSTRALIA PTY., LTD. A.C.N. 005 408 462	106 Bay Street, Port Melborne, Victoria 3207, Australia	Phone:(03)646-1733
TEAC ITALIANA S.p.A.	Via C. Cantù 5, Cinisello Balsamo, Milano, Italy	Phone:02-66010500

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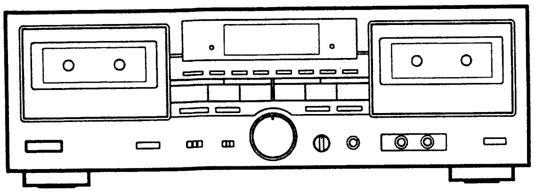
TEAC®



SERVICE MANUAL

W-800R/W-700R

Double Auto Reverse Cassette Deck

NOTES

- PC boards shown are viewed from parts side.
- Parts marked with ＊ require longer delivery time.
- The parts with no reference number or no parts number in the exploded views are not supplied.
- As regards the resistors and capacitors, refer to the circuit diagrams contained in this manual.
- ⚠ Parts marked with this sign are safety critical components. They must be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
- Parts of [ ] mark can be used only with the version designated.
  [J]:JAPAN [US]:U.S.A. [C]:CANADA [GE]:GENERAL EXPORT
  [E]:EUROPE [UK]:U.K. [A]:AUSTRALIA

注　意

- プリント基板図は部品面が示されています。
- ＊印の部品は納期が若干かかります。あらかじめご了承ください。
- 分解図に部番のない部品及び品番のない部品は供給しません。
- 標準の抵抗、コンデンサーは省略してあります。回路図を参照してください。
- ⚠印は安全重要部品です。交換する時は必ずティアック指定の部品を使用してください。
- 仕向先
  [J]:JAPAN [US]:U.S.A. [C]:CANADA [GE]:GENERAL EXPORT
  [E]:EUROPE [UK]:U.K. [A]:AUSTRALIA

Effective : September, 1993

5704066500

1 SPECIFICATIONS
仕 様

Track System : 4-Track, 2-Channel Stereo

Heads : **[W-800R]**
4 ; Deck Ⅰ ; 1 Erase and 1 Record/Playback (Rotating)
Deck Ⅱ ; 1 Erase and 1 Record/Playback (Rotating)
[W-700R]
3 ; Deck Ⅰ ; 1 Playback (Rotating)
Deck Ⅱ ; 1 Erase and 1 Record/Playback (Rotating)

Type of Tape : Cassette tape C-60 and C-90 (Philips type)

Tape Speeds :
4.76 cm/sec (1-7/8 ips)
9.5 cm/sec (3-3/4 ips) (High speed dubbing)

Motors : 2 DC servo motors (1 ea. deck)

Wow and Flutter : 0.06 % (WRMS)

Frequency response (Overall, - 20 dB) :
25-19,000 Hz, Metal tape
25-18,000 Hz, CrO_2 tape
25-17,000 Hz, Normal tape

Signal - to - Noise Ratio (Overall) :
59 dB (NR off, 3 % THD Level, Weighted)
69 dB (Dolby B NR on, over 5 kHz)
79 dB (Dolby C NR on, over 1 kHz)

Fast Winding Time :
Approximately 110 seconds for C-60

Inputs : Line : 97 mV, 50 k ohms
Mic : 0.38 mV, 200 ohms **[W-800R]**

Outputs : Line : 0.52 V for load impedance of 50 k ohms or more
Headphones : 8 ohms

Power Requirements :
120/230 V AC, 50-60 Hz
(General Export model)
120 V AC, 60 Hz (U.S.A./Canada model)
230 V AC, 50 Hz (Europe model)
240 V AC, 50 Hz (U.K./Australia model)

Power Consumption : 15 W **[W-800R]**/14 W **[W-700R]**

Dimensions (W × H × D) :
435 × 144 × 284 mm
(17-1/8″ × 5-11/16″ × 11-3/16″)

Weight (net) : 4.8 kg (10-9/16 lbs.) **[W-800R]**
4.6 kg (10-1/8 lbs.) **[W-700R]**

Standard Accessories : Input-output connection cords

- Specifications were determined using metal tape except as noted.
- Improvements may result in specification or feature changing without notice.

[W-800R]

トラック形式	4トラック2チャンネル ステレオ
ヘッド構成	録音／再生ヘッド×1, 消去ヘッド×1 （ロータリー式, TAPE Ⅰ／TAPE Ⅱ）
使用テープ	C-60, C-90タイプ カセットテープ
テープ速度	4.8cm/sec, 9.5cm/sec（倍速ダビング時）
モーター	DCサーボモーター×1（TAPE Ⅰ／TAPE Ⅱ）
ワウ・フラッター	0.06％（W. RMS） ±0.1％（W. Peak）*
周波数特性（総合）	メタル： 25～20,000Hz（30～19,000Hz±3dB*） クローム： 25～19,000Hz（30～18,000Hz±3dB*） ノーマル： 25～18,000Hz（30～17,000Hz±3dB*）
SN比（総合）	58dB（NR OFF, 規定録音レベル）* 69dB（ドルビーB NR ON, CCIR-ARM） 79dB（ドルビーC NR ON, CCIR-ARM）
早巻時間	約110秒（C-60テープ）
入力	ライン：97mV （入力インピーダンス50kΩ） マイク：0.38mV （入力インピーダンス200Ω）
出力	ライン：0.52V （負荷インピーダンス50kΩ以上） ヘッドホン：8Ω
電源	100V AC, 50-60Hz
消費電力	15W
外形寸法	435×144×284mm（W×H×D）
重量	4.8kg
付属品	リモコンユニット RC-506×1 入出力コード×2, 乾電池（単4）×2 取扱説明書, 保証書

- 仕様および外観は、改善のため予告なく変更することがあります。
- ＊印は、日本電子機械工業会*(EIAJ CP-2311)*規格に定められた測定法によるものです。

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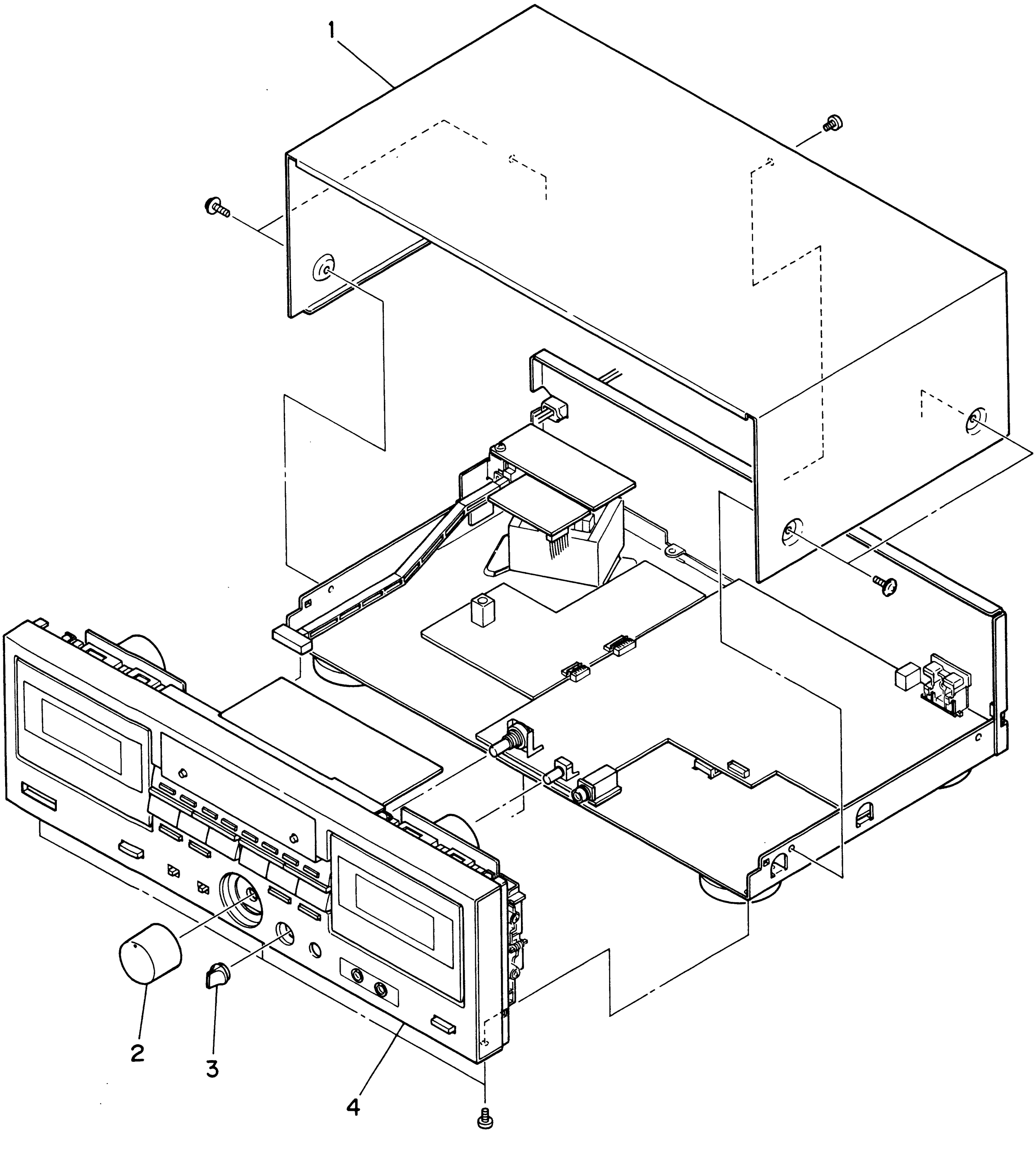
2 CASE AND FRONT PANEL REMOVAL

外装部品の外し方

Disassemble in number-order
番号順に外してください

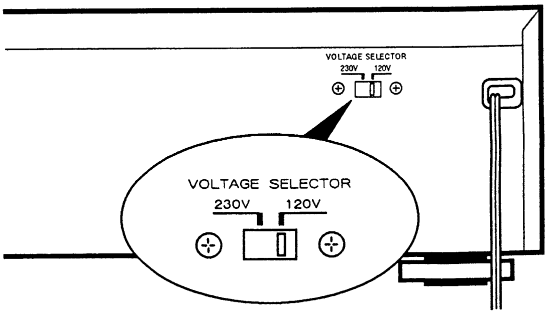


Voltage Conversion

(General export models only)

Be sure to remove the power cord from the AC outlet before repositioning the voltage converter switch.

1. Locate the voltage selector on the rear panel.
2. Using a flat-bladed screwdriver, set to the appropriate 230 V or 120 V position according to your area.


VOLTAGE SELECTOR
230V
120V
VOLTAGE SELECTOR
230V
120V

3 ADJUSTMENT AND CHECKS

調整と確認

3-1 MECHANICAL ADJUSTMENT

3-1-1 Wow and flutter (playback method)

Note: In both FWD and REV play modes, these measurements should be made at the beginning, middle, and the end of the tape.

1. Connect a wow-and-flutter meter to the deck as shown in Fig. 3-1.
2. Load and play a TEAC MTT-111N test tape.
3. Check that the readings on the wow-and-flutter meter is within 0.15% (WRMS).

3-1 機構部の調整

3-1-1 ワウ・フラッタ(再生法)

注:FWD, REV両方向でテープの巻始め、中間、巻終りを測定する。

1. Fig. 3-1のようにワウ・フラッタメーターを接続する。
2. テストテープMTT-111Nを再生する。
3. ワウ・フラッタ値が0.15%（WRMS）以下であることを確認する。

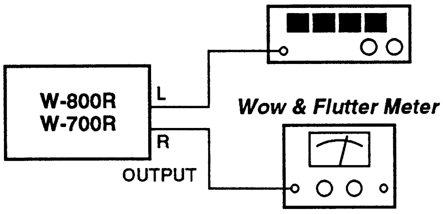


Fig. 3-1

3-1-2 Tape speed

1. Connect a frequency counter to the deck as shown in Fig. 3-1.
2. Load a TEAC MTT-111N test tape and play in FWD direction the beginning of the test tape.
3. Adjust each variable resistor (Fig. 3-2) to get the following figures.

	Adjustment point		Adjustment value (Hz)
DECK I	HIGH speed	VR1	5,990~6,010
	LOW speed	VR2	2,995~3,005
DECK II	HIGH speed	VR3	5,990~6,010
	LOW speed	VR4	2,995~3,005

*At first, adjust HIGH tape speed.

*Short TP1 to get the HIGH tape speed.

4. In play mode, check that the following figures are obtained at the beginning and at the end of the tape.

	Speed drifting
HIGH speed	Within 90Hz
LOW speed	Within 45Hz

3-1-2 テープスピード

1. Fig. 3-1のように周波数カウンターを接続する。
2. テストテープMTT-111Nの巻始め部をFWD方向で再生する。
3. 周波数値が下表の範囲内になるよう、各調整VR(Fig. 3-2)を調整する。

	調整個所		調整値（Hz）
DECK I	HIGH speed	VR1	5,990~6,010
	LOW speed	VR2	2,995~3,005
DECK II	HIGH speed	VR3	5,990~6,010
	LOW speed	VR4	2,995~3,005

* HIGH Speedを先に調整すること。

* TP1をショートすると、HIGH Speedになる。

4. 巻始めから巻終りまで再生し、変動幅を確認する。

	変動幅
HIGH speed	90Hz以内
LOW speed	45Hz以内

3-1-3 Reel torque

1. Load the cassette torque meter on the deck and read the pointer indication on the dial scale for each tape transport operation. The measured torque should be within the following specified values.

Take-up :	35 to 70g・cm
Supply :	2.5 to 6g・cm
FF/REW :	80 to 170g・cm

3-1-3 リールトルク

1. カセット型トルクメーターによる測定値が下記の範囲内であることを確認する。

テイクアップトルク	: 35~70g・cm
バックテンショントルク	: 2.5~6g・cm
早送り／巻戻しトルク	: 80~170g・cm

3-2 ELECTRICAL ADJUSTMENT

3-2-1 Precautions

- Before performing adjustments and checks clean and demagnetize the entire tape path.
- In general, adjustments and checks are made in the order of Lch then Rch. Double REF. Nos. indicate Lch /Rch. (Example ; R11/R21)
- 0dB is referenced to 0.775V.
- The AC voltmeter used in the procedures must have an input impedance of 1M Ω or more.
- Input terminals and measuring points at each step are the same as previous step, otherwise specified.
- Unless specified otherwise, adjustments and checks are made in FWD direction.

3-2 アンプ部の調整

3-2-1 注意

- アンプ部の調整・確認の前に、テープ走行系の消磁と清掃を行なってください。
- 特に指定のない限り、調整はLch, Rchの順序で行なってください。尚、R11/R21のように記されている回路番号はLch/Rchを示します。
- 0dB=0.775V
- 測定に使用するレベル計の入力インピーダンスは1MΩ以上のものを使用してください。
- 入力端子及び測定個所は各ステップに於て特に明記されている場合を除き、直前のステップと同じです。
- 特に指定のない場合、調整および確認はFWD方向で行なってください。

3-2-2 Adjustment locations 調整個所

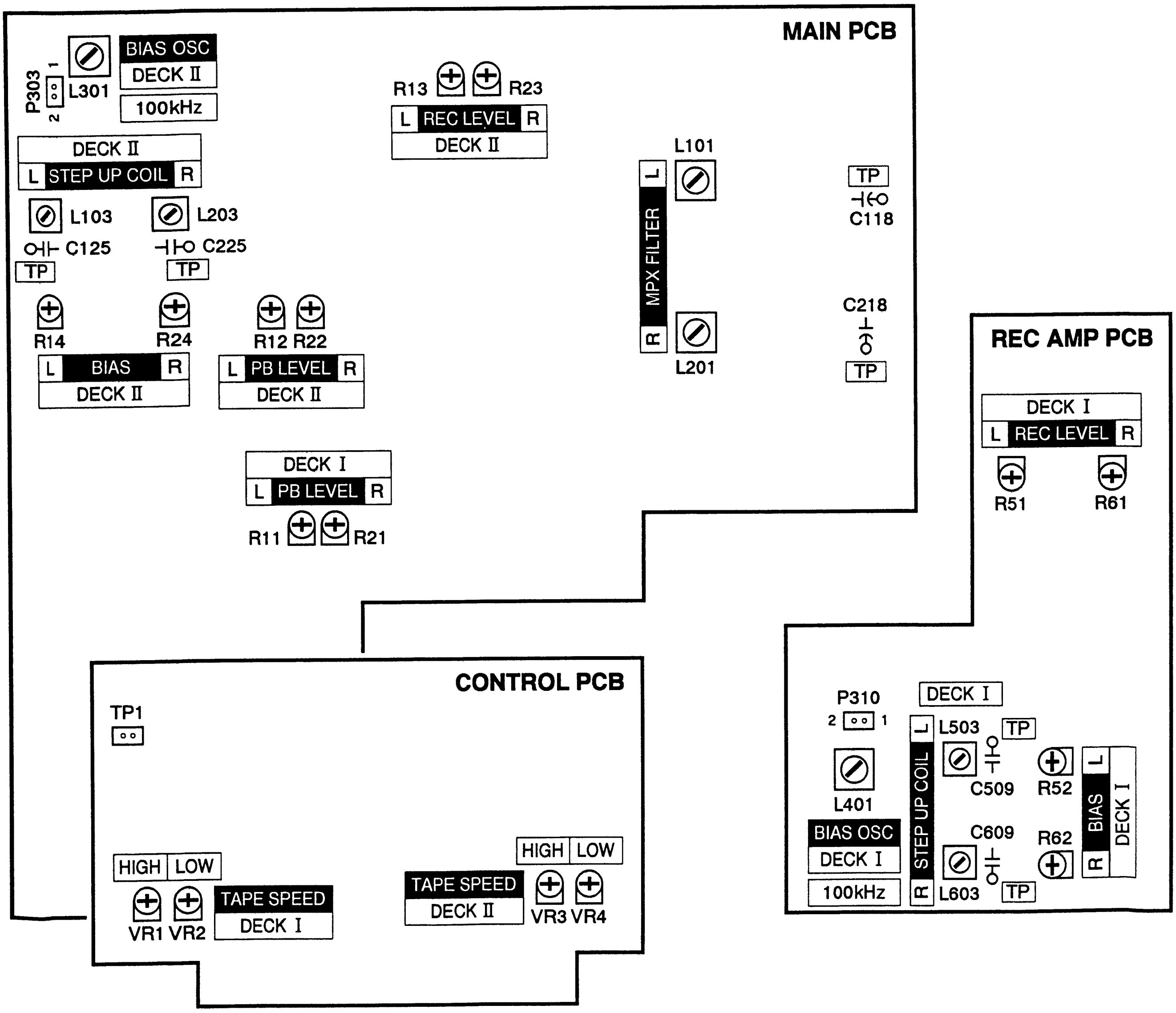
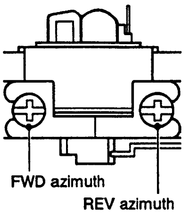
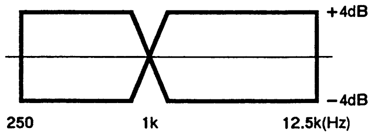

MAIN PCB
P303
1
2
L301
BIAS OSC
DECK II
100kHz
DECK II
L STEP UP COIL R
L103
L203
C125
C225
TP
TP
R14
R24
L BIAS R
DECK II
R12 R22
L PB LEVEL R
DECK II
R13
R23
L REC LEVEL R
DECK II
DECK I
L PB LEVEL R
R11
R21
L101
L MPX FILTER R
L201
TP
C118
C218
TP
REC AMP PCB
DECK I
L REC LEVEL R
R51
R61
CONTROL PCB
TP1
HIGH LOW
VR1 VR2
TAPE SPEED
DECK I
HIGH LOW
TAPE SPEED
DECK II
VR3 VR4
P310
2
1
L401
BIAS OSC
DECK I
100kHz
DECK I
L STEP UP COIL R
L503
TP
C509
R52
C609
R62
L603
TP
L BIAS R
DECK I

Fig. 3-2

3-2-3 Playback performance 再生系

Deck settings :
Mode : PLAY
DOLBY NR Switch : OFF

TEAC test tapes :
MTT-150C : For Dolby level calibration
MTT-25702 : For playback frequency response check NORMAL tape
MTT-5512 : For S/N check NORMAL tape

ITEM 項 目	SETTING 設 定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING POINTS, RESULT 測定個所・調整値	REMARKS 備 考
1. **Head azimuth adjustment** アジマス調整	Connection : Fig. 3-4 Check／adjust in FWD, REV respectively FWD、REVそれぞれ調整・確認	MTT-150C	Check	OUTPUT : Phase : within 45° 位 相 : 45° 以内 (Fig. 3-5)	 FWD azimuth REV azimuth
		MTT-25702 (12.5kHz)	Azimuth screws アジマス調整ねじ	OUTPUT : Maximum output level at L & R-ch Lch、Rchとも出力最大	
2. **DOLBY level** ドルビーレベル	Connection : Fig. 3-6 FWD PLAY	MTT-150C	R11／R21	TP ; C118⊖／C218⊖ : −6dB (388mV)	PLAY *I* (W-700R) REC/PLAY *I* (W-800R)
			R12／R22		REC/PLAY *II*
3. **Playback output level** 再生出力レベル	Connection : Fig. 3-3 FWD／REV PLAY	MTT-150C	Check	OUTPUT : −4.5 ± 1dB (411mV～518mV)	Ref. output level 基準出力レベル
4. **Meter level** メーターレベル		MTT-150C	Check	PEAK LEVEL METER : DD mark ± 1dot	
5. **PHONES output level** PHONES 出力レベル	Connection : Fig. 3-7	MTT-150C	Check	PHONES : −19 ± 3dB (61.6mV～123mV)	8Ω load 8Ω負荷
6. **Playback frequency response** 再生周波数特性	Connection : Fig. 3-3	MTT-25702	Check		
7. **Playback S/N ratio** 再生S／N比	Connection : Fig. 3-3	MTT-5512 Playback the leader tape portion リーダーテープ部を再生	Check	46dB min.	Ratio of ref. level to noise 基準出力レベルとノイズの比

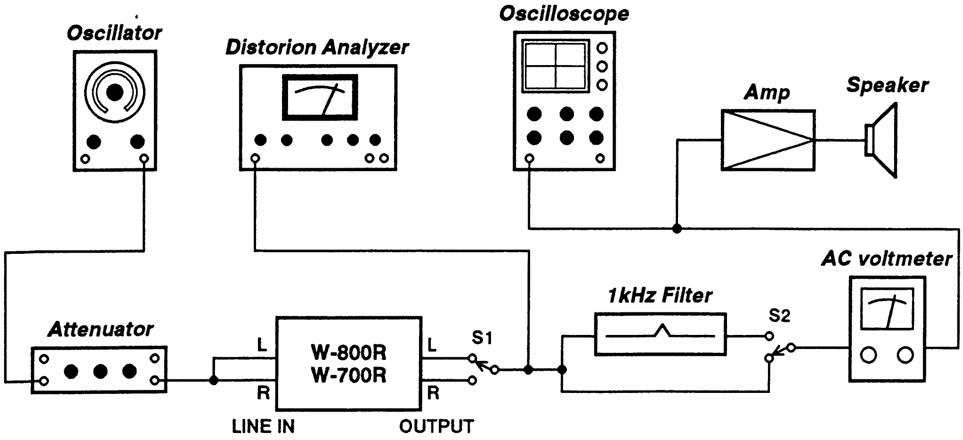

Oscillator
Distorion Analyzer
Oscilloscope
Amp
Speaker
AC voltmeter
1kHz Filter
S2
Attenuator
L
R
W-800R
W-700R
L
R
S1
LINE IN
OUTPUT

Fig. 3-3 Basic test setup

3-2-4 Monitor performance モニター系

Deck settings :
Mode : REC-PAUSE
DOLBY NR Switch : OFF

ITEM 項　目	SETTING 設　定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING POINTS, RESULT 測定個所・調整値	REMARKS 備　考
8. Min. LINE input level ライン最小入力レベル	Connection : Fig. 3-3 REC LEVEL Control:MAX BALANCE Control:Center	LINE IN : 400Hz/− 19dB (87mV)	Check	OUTPUT : − 4.5 ± 3dB (327mV~652mV)	
9. Min. MIC input level マイク最小入力レベル **[W-800R]**	Connection : Fig. 3-3 REC LEVEL Control:MAX BALANCE Control:Center	MIC : 400Hz/− 67dB (0.346mV)	Check	OUTPUT : − 4.5 ± 3dB (327mV~652mV)	
10. Specified LINE input level ライン規定入力レベル	Connection : Fig. 3-3	LINE IN : 400Hz/− 9dB (275mV)	REC LEVEL Control BALANCE Control	OUTPUT : − 4.5dB (462mV)	After adjusting, do not move (Specific position) 調整後は動かさないこと(規定位置)
11. Monitor S/N ratio モニターS/N比	Connection : Fig. 3-3	LINE IN : No signal 無信号	Check	60dB min.	Ratio of ref. level to noise 基準出力レベルとノイズの比

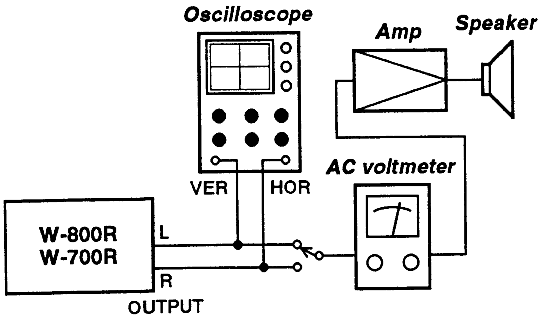

Oscilloscope
Amp
Speaker
VER
HOR
AC voltmeter
W-800R
W-700R
L
R
OUTPUT

Fig. 3-4 Test setup for azimuth check

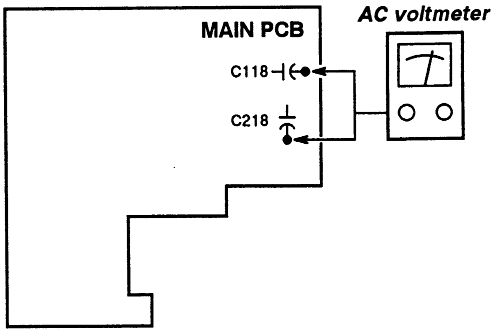

MAIN PCB
AC voltmeter
C118
C218

Fig. 3-6 Test setup for DOLBY level adjustment

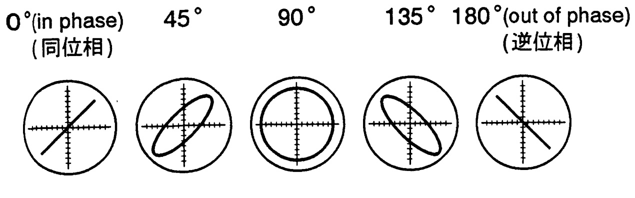

0°(in phase)
(同位相)
45°
90°
135°
180°(out of phase)
(逆位相)

Fig. 3-5 Confirming phase relationship

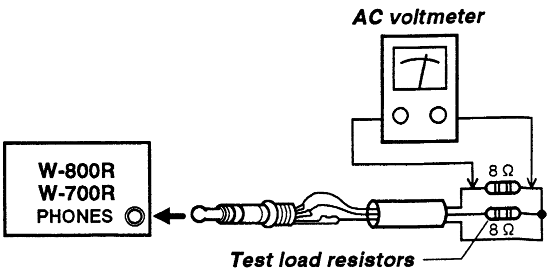
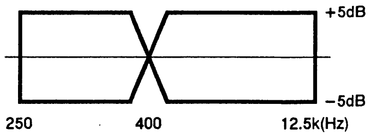

AC voltmeter
W-800R
W-700R
PHONES
8Ω
8Ω
Test load resistors

Fig. 3-7 Test setup for PHONES check

3-2-5 Recording performance 録音系

Deck settings :
Mode : REC／PLAY
DOLBY NR Switch : OFF
REC LEVEL Control : Specified position 規定位置(Item10)
BALANCE Control : Specified position 規定位置(Item10)

TEAC recording test tapes :
MTT-5512 : For NORMAL
MTT-5562 : For CrO₂
MTT-5571 : For METAL

ITEM 項 目	SETTING 設 定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING POINTS, RESULT 測定個所・調整値	REMARKS 備 考
12. Bias osc frequency バイアス発振周波数	Connection : Fig. 3-8 TAPE : MTT-5512 Mode : REC	LINE IN : No signal 無信号	L301	P303-1 : 100kHz	REC/PLAY II
			L401	P310-2 : 100kHz	REC/PLAY I W-800R
13. Step up coil ステップアップコイル	Connection : Fig. 3-9 TAPE : MTT-5571 Mode : REC	LINE IN : No signal 無信号	L103／L203	TP ; C125／C225 : Min. DC voltage DC電圧最小	REC/PLAY II
			L503／L603	TP ; C509／C609 : Min. DC voltage DC電圧最小	REC/PLAY I W-800R
14. Record bias 録音バイアス	Connection : Fig. 3-3 TAPE : MTT-5512	LINE IN : 250Hz/10kHz −42dB (6.16mV)	R14／R24	OUTPUT : Nearly equal level at both frequencies 両周波数の録再出力が同レベル	REC/PLAY II
			R52／R62		REC/PLAY I W-800R
15. MPX filter MPXフィルター	Connection : Fig. 3-3 Mode : REC	LINE IN : 19kHz/−12dB (195mV)	L101／L201	30dB min.	Ratio of ref. level to signal 基準出力レベルに対する比
16. Record level adjustment 録音レベル調整	Connection : Fig. 3-3 TAPE : MTT-5512	LINE IN : 400Hz/−12dB (195mV)	R13／R23	OUTPUT : −7.5dB (327mV)	REC/PLAY II
			R51／R61		REC/PLAY I W-800R
17. Record level check 録音レベル確認	Connection : Fig. 3-3 TAPE : MTT-5562 MTT-5571	LINE IN : 400Hz/−12dB (195mV)	Check	OUTPUT : −7.5 ± 1dB (291mV～367mV)	
18. Total harmonic distortion 総合歪率	Connection : Fig. 3-3 TAPE : MTT-5512 MTT-5562 MTT-5571	LINE IN : 400Hz/−12dB (195mV)	Check	NORMAL : 2.0% or less CrO₂ : 2.5% or less METAL : 2.5% or less	
19. Overall frequency response 録再周波数特性	Connection : Fig. 3-3 TAPE : MTT-5512 MTT-5562 MTT-5571	LINE IN : 250Hz～12.5kHz −42dB (6.16mV)	Check		
20. Overall S/N ratio 総合S／N比	Connection : Fig. 3-3 TAPE : MTT-5512 MTT-5562 MTT-5571	LINE IN : No signal 無信号	Check	NORMAL : 45dB min. CrO₂ : 46dB min. METAL : 46dB min.	Ratio of ref. level to noise 基準出力レベルとノイズの比

ITEM 項　目	SETTING 設　定	INPUT SIGNAL 入力信号	ADJUSTMENTS 調整個所	MEASURING RESULT 調整値	REMARKS 備　考
21. Erase efficiency 消去率	Connection : Fig. 3-3 TAPE : MTT-5571 1kHz B.P.F in	LINE IN : 1kHz/+1dB (870mV)	Check	65dB min.	Ratio of the 1kHz recorded portion to the erased portion. 未消去部分と消去部分の比
22. REC MUTE function REC MUTE 効果	Connection : Fig. 3-3 TAPE : MTT-5571 1kHz B.P.F in	LINE IN : 1kHz/+1dB (870mV)	Check	55dB min.	Ratio of the 1kHz recorded portion to the " REC MUTE "portion. 録音部分と " REC MUTE " 部分の比
23. Channel seperation チャンネル セパレーション	Connection : Fig. 3-3 TAPE : MTT-5562 1kHz B.P.F in	LINE IN : Lch 1kHz/−9dB (275mV) Rch No signal 無信号	Check	35dB min.	Ratio of the 1kHz recorded portion (Lch) to the no signal portion (Rch). 録音部分 (Lch) と無信号部分 (Rch) の比
24. Adjacent track crosstalk トラック間 クロストーク	Connection : Fig. 3-3 TAPE : MTT-5571	LINE IN : Lch No signal 無信号 Rch 125Hz/-9dB (275mV)	Check	40dB min.	Invert tape and play Rch track. Check leckage level against the output reference of previously recorded portion. テープを反転して再生した時の Rch 出力レベルの比

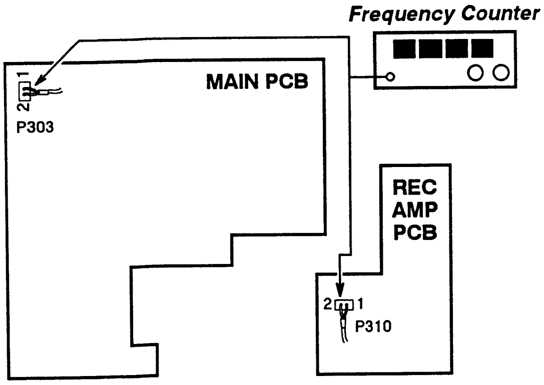


Fig. 3-8 Test setup for bias OSC adjustment

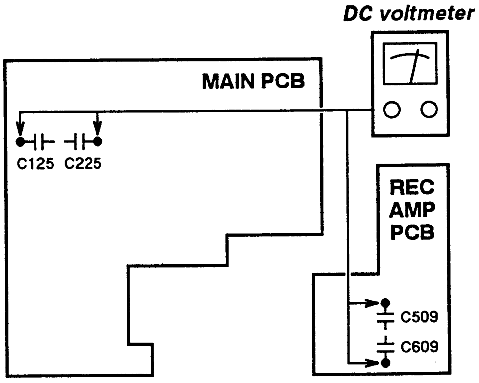
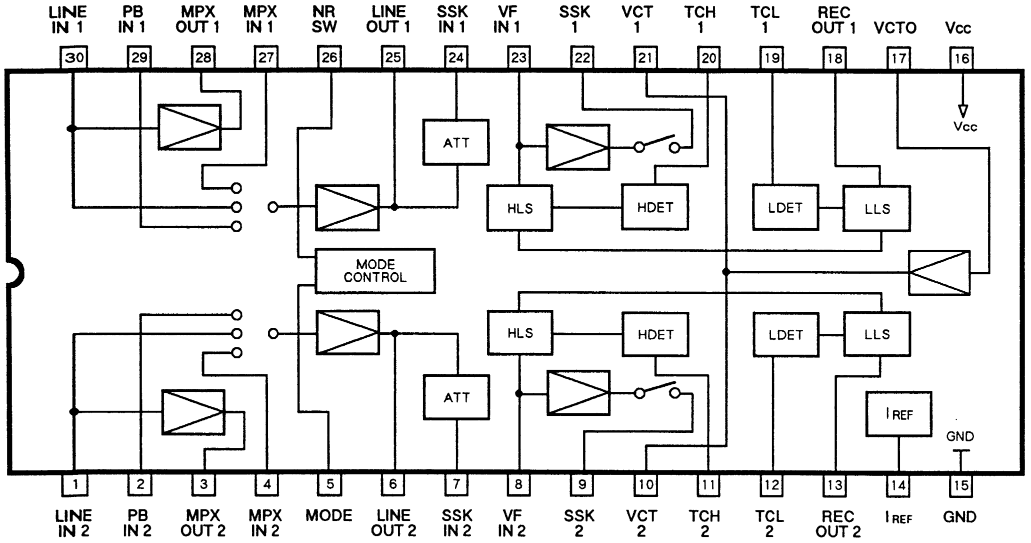


Fig. 3-9 Test setup for step up coil adjustment

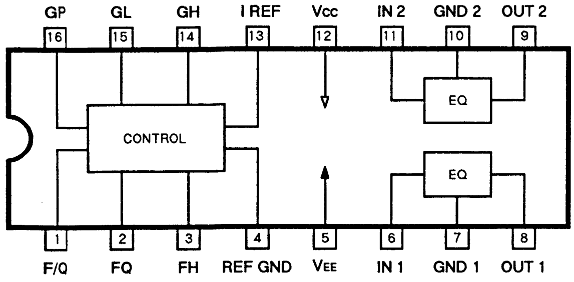
4 IC BLOCK DIAGRAMS

ICブロックダイアグラム

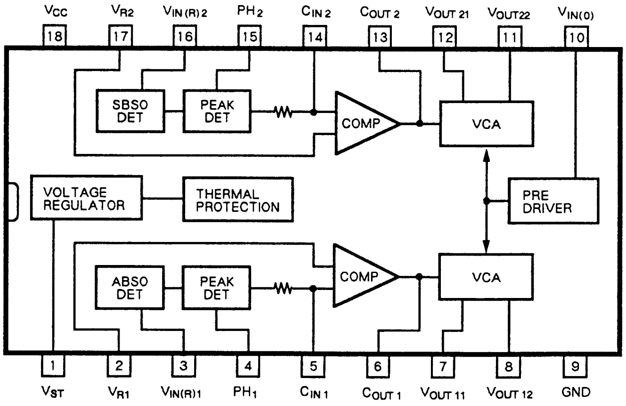
U305 **CXA1331S**


LINE IN 1
PB IN 1
MPX OUT 1
MPX IN 1
NR SW
LINE OUT 1
SSK IN 1
VF IN 1
SSK 1
VCT 1
TCH 1
TCL 1
REC OUT 1
VCTO
Vcc
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
ATT
HLS
HDET
LDET
LLS
MODE CONTROL
HLS
HDET
LDET
LLS
ATT
I REF
GND
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
LINE IN 2
PB IN 2
MPX OUT 2
MPX IN 2
MODE
LINE OUT 2
SSK IN 2
VF IN 2
SSK 2
VCT 2
TCH 2
TCL 2
REC OUT 2
I REF
GND

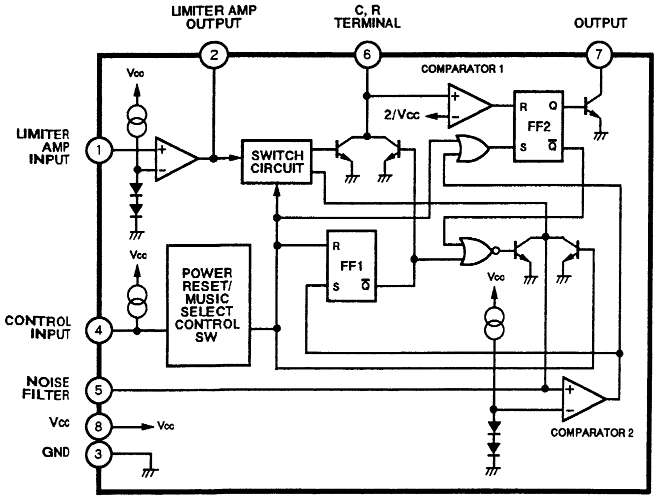
U308 **CXA1198AP**


GP
GL
GH
I REF
Vcc
IN 2
GND 2
OUT 2
16
15
14
13
12
11
10
9
CONTROL
EQ
EQ
1
2
3
4
5
6
7
8
F/Q
FQ
FH
REF GND
VEE
IN 1
GND 1
OUT 1

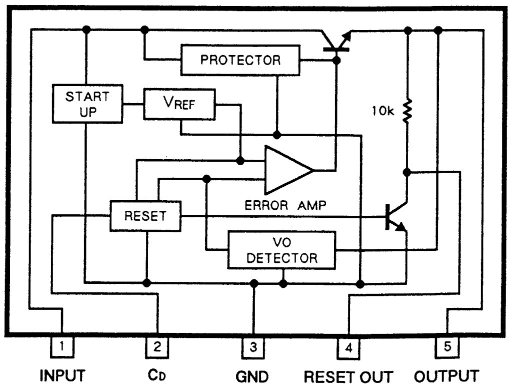
U310, U403 **uPC1297CA**


Vcc
VR2
VIN(R)2
PH2
CIN 2
COUT 2
VOUT 21
VOUT22
VIN(0)
18
17
16
15
14
13
12
11
10
SBSO DET
PEAK DET
COMP
VCA
VOLTAGE REGULATOR
THERMAL PROTECTION
PRE DRIVER
ABSO DET
PEAK DET
COMP
VCA
1
2
3
4
5
6
7
8
9
VST
VR1
VIN(R)1
PH1
CIN 1
COUT 1
VOUT 11
VOUT 12
GND

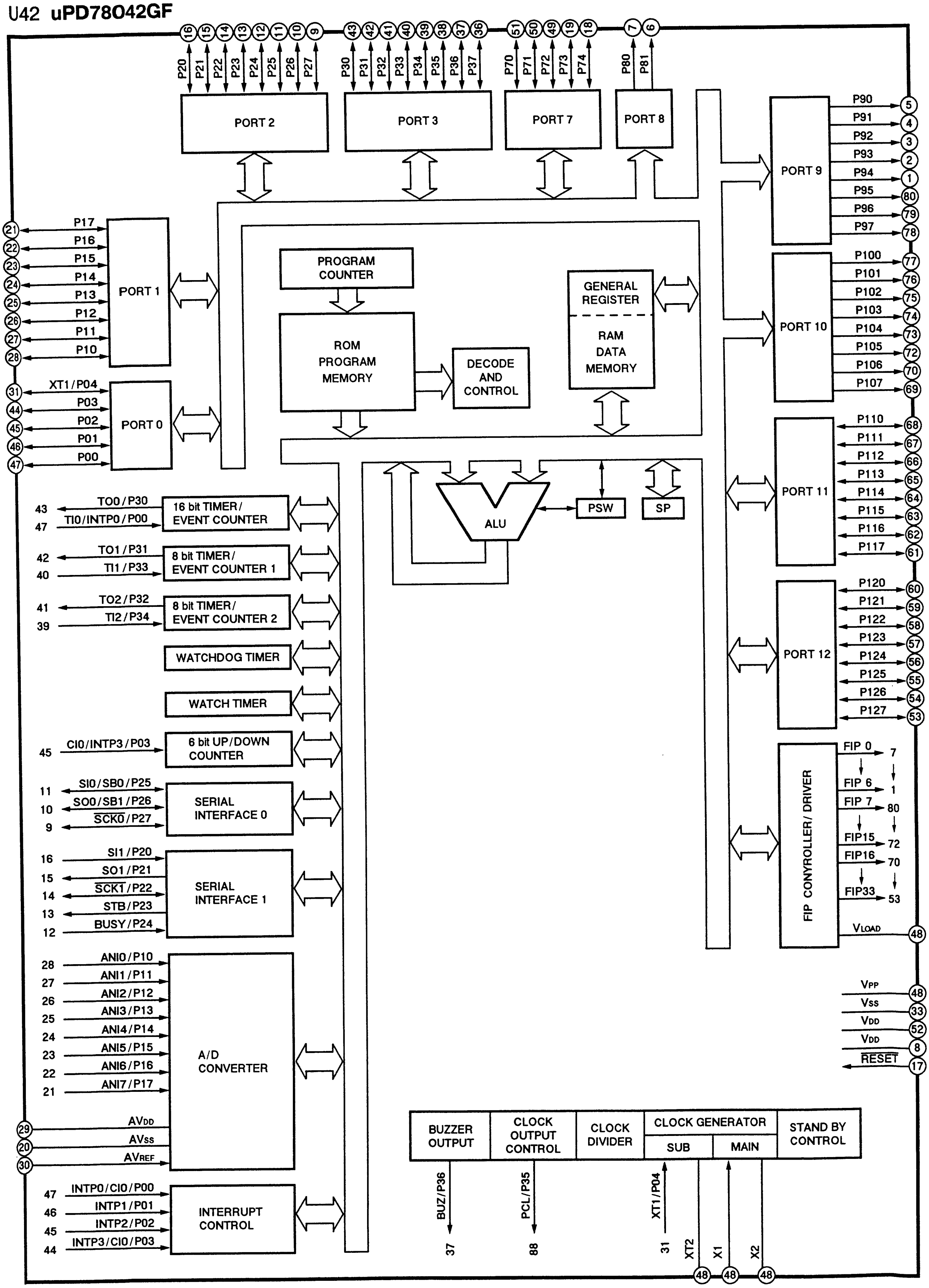
U311 **M51143AL**


LIMITER AMP OUTPUT
C, R TERMINAL
OUTPUT
2
6
7
COMPARATOR 1
2/Vcc
R
Q
FF2
S
Q̄
Vcc
LIMITER AMP INPUT
1
SWITCH CIRCUIT
Vcc
POWER RESET/ MUSIC SELECT CONTROL SW
R
FF1
S
Q̄
Vcc
CONTROL INPUT
4
NOISE FILTER
5
Vcc
8
Vcc
GND
3
COMPARATOR 2

U41 **L78LR05D**


PROTECTOR
START UP
VREF
10k
ERROR AMP
RESET
VO DETECTOR
1
2
3
4
5
INPUT
CD
GND
RESET OUT
OUTPUT

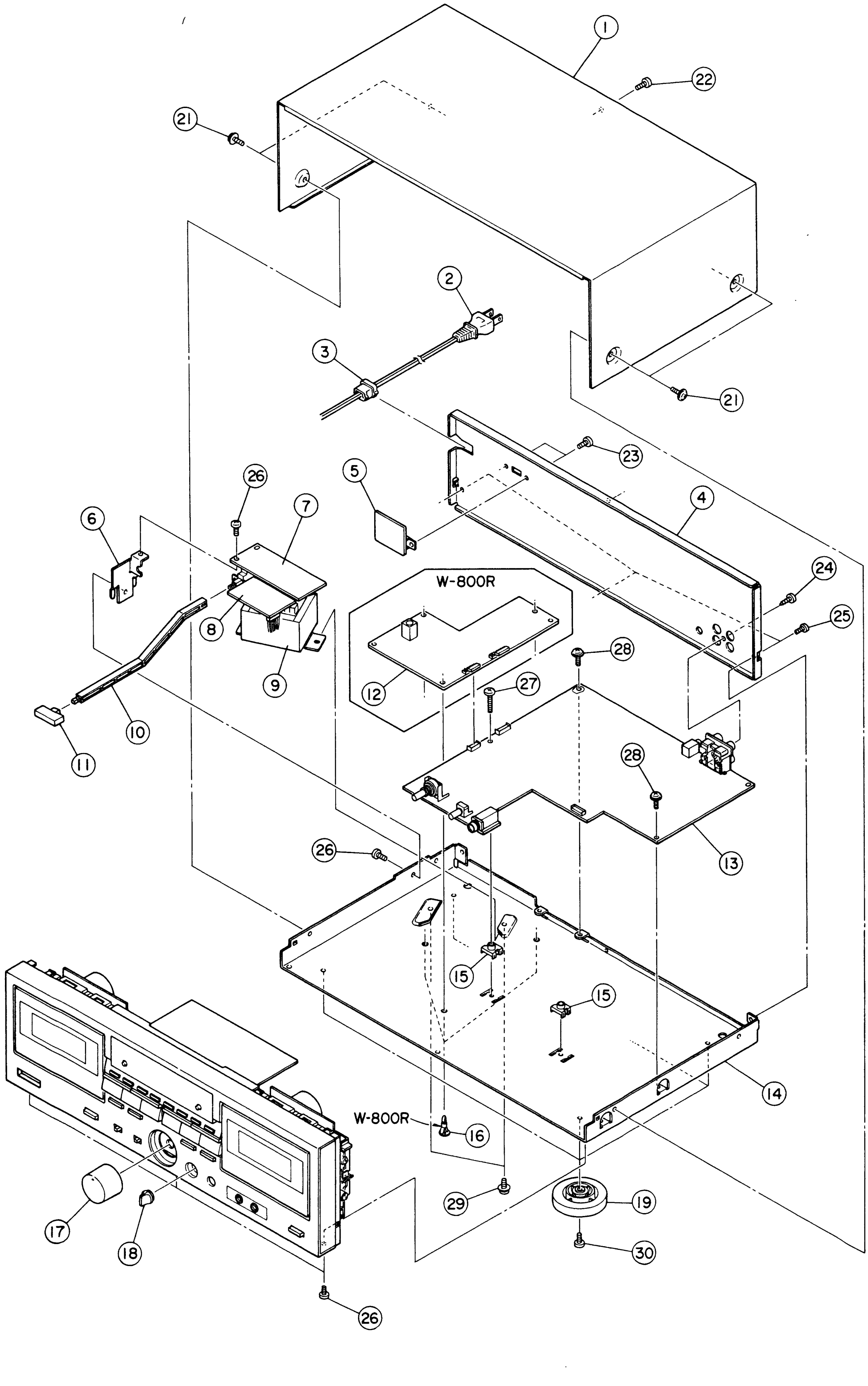
U42 **uPD78042GF**


PORT 2
P20 ⑯
P21 ⑮
P22 ⑭
P23 ⑬
P24 ⑫
P25 ⑪
P26 ⑩
P27 ⑨
PORT 3
P30 (43)
P31 (42)
P32 (41)
P33 (40)
P34 (39)
P35 (38)
P36 (37)
P37 (36)
PORT 7
P70 (51)
P71 (50)
P72 (49)
P73 ⑲
P74 ⑱
PORT 8
P80 ⑦
P81 ⑥
PORT 9
P90 ⑤
P91 ④
P92 ③
P93 ②
P94 ①
P95 (80)
P96 (79)
P97 (78)
PORT 10
P100 (77)
P101 (76)
P102 (75)
P103 (74)
P104 (73)
P105 (72)
P106 (70)
P107 (69)
PORT 11
P110 (68)
P111 (67)
P112 (66)
P113 (65)
P114 (64)
P115 (63)
P116 (62)
P117 (61)
PORT 12
P120 (60)
P121 (59)
P122 (58)
P123 (57)
P124 (56)
P125 (55)
P126 (54)
P127 (53)
FIP CONYROLLER/ DRIVER
FIP 0 7
FIP 6 1
FIP 7 80
FIP15 72
FIP16 70
FIP33 53
VLOAD (48)
VPP (48)
VSS (33)
VDD (52)
VDD ⑧
RESET ⑰
PORT 1
P17 ㉑
P16 ㉒
P15 ㉓
P14 ㉔
P13 ㉕
P12 ㉖
P11 ㉗
P10 ㉘
PORT 0
XT1/P04 ㉛
P03 (44)
P02 (45)
P01 (46)
P00 (47)
PROGRAM COUNTER
ROM PROGRAM MEMORY
DECODE AND CONTROL
GENERAL REGISTER
RAM DATA MEMORY
ALU
PSW
SP
43 TO0/P30
47 TI0/INTP0/P00
16 bit TIMER/ EVENT COUNTER
42 TO1/P31
40 TI1/P33
8 bit TIMER/ EVENT COUNTER 1
41 TO2/P32
39 TI2/P34
8 bit TIMER/ EVENT COUNTER 2
WATCHDOG TIMER
WATCH TIMER
45 CI0/INTP3/P03
6 bit UP/DOWN COUNTER
11 SI0/SB0/P25
10 SO0/SB1/P26
9 SCK0/P27
SERIAL INTERFACE 0
16 SI1/P20
15 SO1/P21
14 SCK1/P22
13 STB/P23
12 BUSY/P24
SERIAL INTERFACE 1
28 ANI0/P10
27 ANI1/P11
26 ANI2/P12
25 ANI3/P13
24 ANI4/P14
23 ANI5/P15
22 ANI6/P16
21 ANI7/P17
A/D CONVERTER
㉙ AVDD
⑳ AVSS
㉚ AVREF
47 INTP0/CI0/P00
46 INTP1/P01
45 INTP2/P02
44 INTP3/CI0/P03
INTERRUPT CONTROL
BUZZER OUTPUT
CLOCK OUTPUT CONTROL
CLOCK DIVIDER
CLOCK GENERATOR
SUB
MAIN
STAND BY CONTROL
BUZ/P36 37
PCL/P35 88
XT1/P04 31
XT2 (48)
X1 (48)
X2 (48)

5 EXPLODED VIEWS AND PARTS LIST

分解図とパーツリスト

EXPLODED VIEW-1


1
22
21
2
3
21
23
5
4
26
7
6
24
W-800R
25
8
9
12
28
27
10
11
28
13
26
15
15
14
W-800R
16
29
19
17
18
30
26

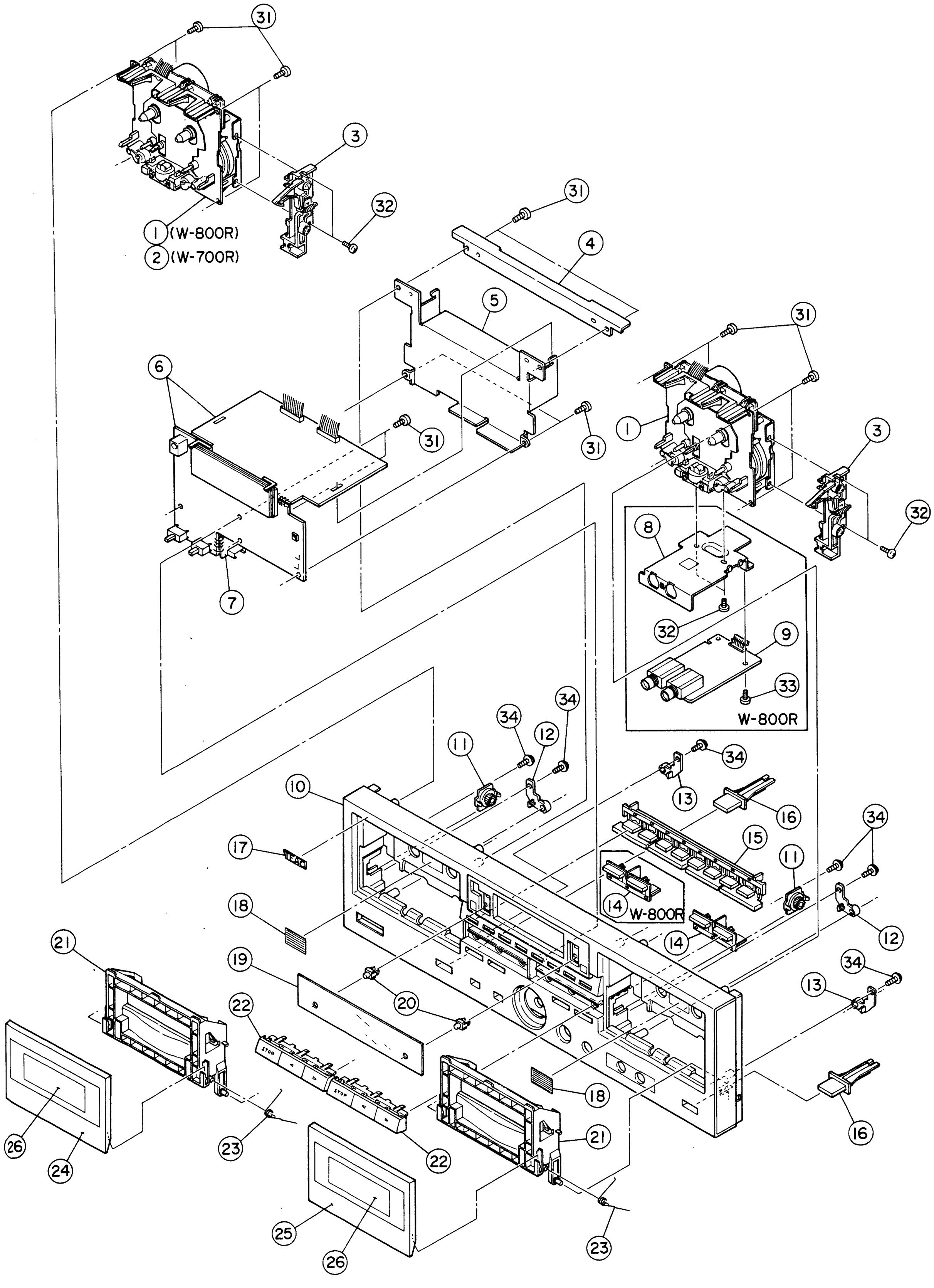
EXPLODED VIEW-1

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
1- 1	*9260155903	BONNET	
1- 2	⚠ 9109025710	AC CORD, CEE [E]	
	⚠ 9109025810	AC CORD, UL [GE]	
	⚠ 9109025910	AC CORD, BS [UK]	
	⚠ 9109026010	AC CORD [A]	
	⚠ 9109026110	AC CORD [J]	
	⚠ 9109026210	AC CORD, UL [US,C]	
1- 3	⚠ 9121000102	BUSHING, #2271	
1- 4	*9260181501	REAR PANEL [US,C]	
	*9260183101	REAR PANEL [GE]	
	*9260185901	REAR PANEL [J,E,UK,A]	
1- 5	*9145123500	SELECTOR SW PCB ASSY [GE]	
1- 6	*9260175500	LINKAGE BRACKET	
1- 7	*9145123400	TRANS PCB A ASSY [US,C]	
	*9145123410	TRANS PCB A ASSY [E,UK,A]	
	*9145123420	TRANS PCB A ASSY [GE]	
	*9145123430	TRANS PCB A ASSY [J]	
1- 8	*9145123600	TRANS PCB B ASSY	
1- 9	⚠ 9125101000	POWER TRANSFORMER [US,C]	
	⚠ 9125101200	POWER TRANSFORMER [J,GE,E,UK,A]	
1-10	*9260182600	POWER LINKAGE	
1-11	9260132900	POWER BUTTON	
1-12	*9145123800	REC AMP PCB ASSY	W-800R
1-13	*9145123102	MAIN PCB ASSY	W-800R
	*9145123113	MAIN PCB ASSY	W-700R
1-14	----------	MAIN CHASSIS	
1-15	*9260151300	PCB SUPPORT	
1-16	*9260184800	PCB SUPPORT, H=8	W-800R
1-17	9260156500	VR KNOB	
1-18	9260151001	PAN CAP KNOB	
1-19	*9260113901	FOOT ASSY	
1-21	*9783053006	SCREW, CAP-S M3X6 (BLK)	
1-22	*9783593008	SCREW, C-TITE M3X8 (NI-BLK)	
1-23	*9783233008	SCREW, BTT-S M3X8 (BLK) [GE]	
1-24	*9783613008	SCREW, BTT-P M3X8 (BLK)	
1-25	*9783233006	SCREW, BTT-S M3X6 (BLK)	
1-26	*9783203006	SCREW, BTT-S M3X6	
1-27	*9783203014	SCREW, BTT-S M3X14	
1-28	*9783103006	SCREW, CAP-S M3X6	
1-29	*9783294008	SCREW, BTB-S M4X8	
1-30	*9783203008	SCREW, BTT-S M3X8	

INCLUDED ACCESSORIES

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
	*9101395900	OWNER'S MANUAL, ENGLISH [EXCEPT J]	W-800R
	*9101395600	OWNER'S MANUAL, ENGLISH	W-700R
	*9101396001	OWNER'S MANUAL, JAPANESE [J]	W-800R
	*9101395700	OWNER'S MANUAL, 5-LANGUAGE [C,E]	
	*9109027100	IN-OUTPUT CORD	
	*9151001500	REMOTE CONTROL UNIT, RC-506 [J]	W-800R
	*5347016500	BATTERY, UM-4 [J]	W-800R

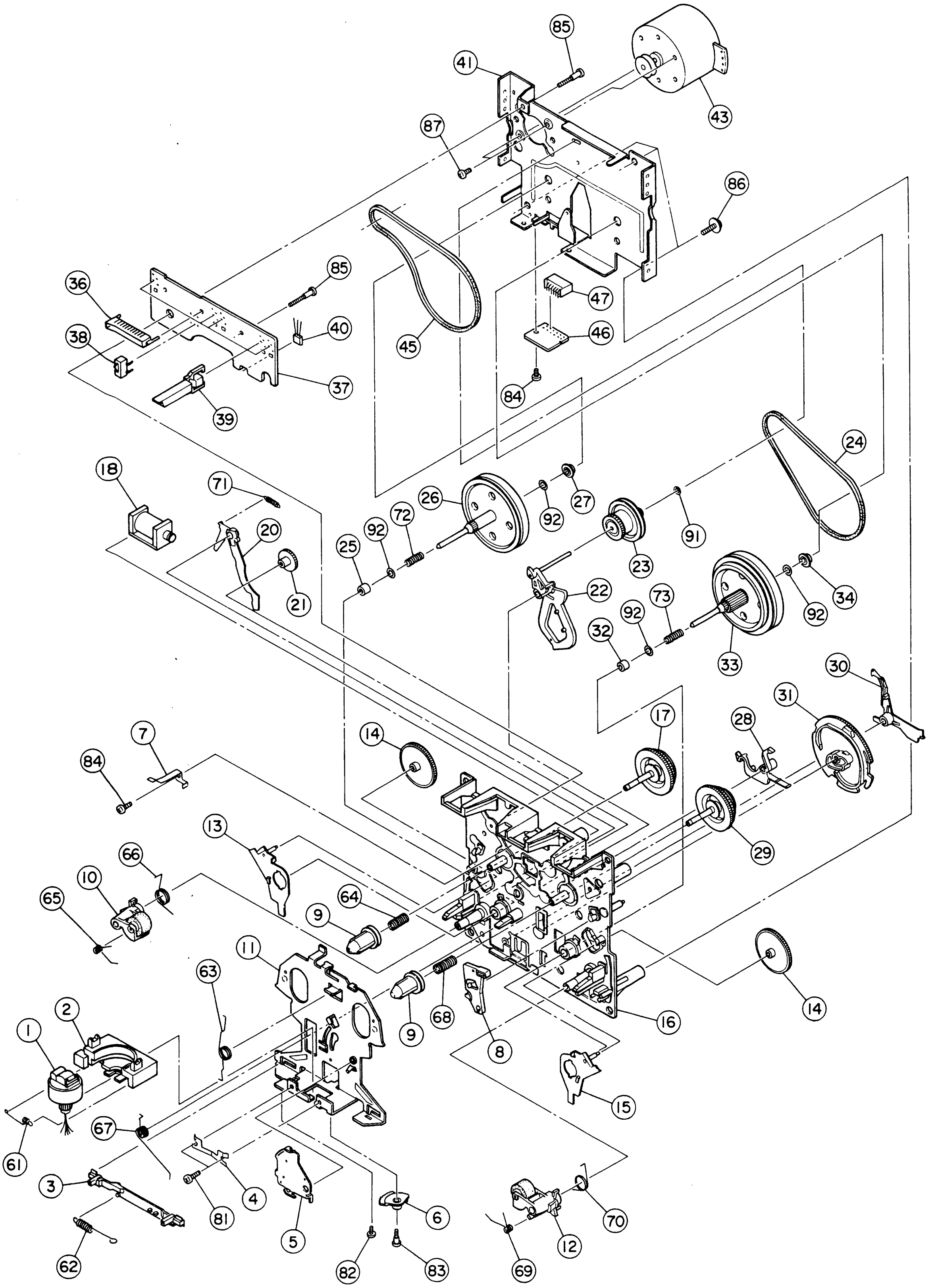
EXPLODED VIEW-2


31
3
32
1 (W-800R)
2 (W-700R)
31
4
5
6
31
31
31
1
3
32
7
8
32
9
33
W-800R
34
34
12
11
34
10
13
16
17
15
11
34
18
14 W-800R
14
12
21
19
20
22
13
34
20
18
16
STOP
26
24
23
22
21
25
26
23

EXPLODED VIEW-2

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
2- 1	*9278033500	MECH ASSY, R/P CRP-482	W-700R DECK 2, W-800R
2- 2	*9278033600	MECH ASSY, PLAY CRP-483	W-700R DECK 1
2- 3	9260185401	EJECT ASSY	
2- 4	*9260181602	TOP BRACKET	
2- 5	*9260185302	SHIELD PLATE	
2- 6	*9145123201	CONTROL PCB ASSY	W-800R
	*9145123211	CONTROL PCB ASSY	W-700R
2- 7	*9145123300	CONNECTOR PCB ASSY	
2- 8	*9260181700	JACK BRACKET	W-800R
2- 9	*9145124300	MIC JACK PCB ASSY	W-800R
2-10	*9260188200	FRONT PANEL ASSY	W-800R
	*9260188100	FRONT PANEL ASSY	W-700R
2-11	9260077301	DAMPER	
2-12	9260185001	STOPPER CASE, L	
2-13	*9260185101	STOPPER CASE, R	
2-14	*9260182001	REC BUTTON	
2-15	9260182301	FF/REW BUTTON	W-800R
	9260182201	FF/REW BUTTON	W-700R
2-16	9260182501	EJECT BUTTON	
2-17	*9260188300	TEAC EMBLEM	
2-18	*5800822400	REFLECT TAPE	
2-19	*9260183302	METER COVER [US,C,GE,A]	
	*9260186102	METER COVER [J,E,UK]	
2-20	*9260182400	CLEAR BUTTON	
2-21	*9260181901	READ CASE	
2-22	*9260182101	PLAY BUTTON	
2-23	*9260183201	CASE SPRING	
2-24	*9260185701	READ DOOR C	W-800R
	*9260181801	READ DOOR A	W-700R
2-25	*9260185601	READ DOOR B	
2-26	*9260183400	L/D COVER	
2-31	*9783603008	SCREW, BTT-P M3X8	
2-32	*9783202006	SCREW, BTT-S M2X6	
2-33	*9783202606	SCREW, BTT-S M2.6X6	W-800R
2-34	*9783413008	SCREW, CAP-P M3X8 (BLK)	

EXPLODED VIEW-3


85
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84
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92
91
23
25
21
22
73
92
34
92
32
33
30
31
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EXPLODED VIEW-3

REF.NO.	PARTS NO.	DESCRIPTION	REMARKS
3- 1	9278336800	ASSY HOLDER HEAD	W-700R DECK 2, W-800R
	9278330000	ASSY HOLDER HEAD	W-700R DECK 1
3- 2	*9278330100	FLAME HEAD	
3- 3	*9278330200	LEVER HEAD	
3- 4	*9278330300	SPRING AZIMUTH	
3- 5	*9278330400	ASSY ARM ASSIST	
3- 6	*9278330500	GEAR ARM HEAD	
3- 7	*9278330600	SPRING CASSETTE	
3- 8	*9278330700	EJECT LOCK	
3- 9	*9278330800	CAP REEL	
3-10	9278330900	ASSY PINCH ARM L	
3-11	*9278331000	CHASSIS HEAD	
3-12	9278331100	ASSY PINCH ARM R	
3-13	*9278331200	ARM PLAY L	
3-14	9278331300	GEAR PLAY	
3-15	*9278331400	ARM PLAY R	
3-16	*9278331500	CHASSIS OS.	
3-17	9278331600	ASSY SUB REEL L	
3-18	9278331700	SOLENOID	
3-20	*9278331900	ARM RVS	
3-21	9278332000	GEAR FF	
3-22	*9278332100	ASSY ARM FR	
3-23	9278332200	ASSY PULLEY FR	
3-24	9278332300	BELT FR	
3-25	9278332400	METAL	
3-26	*9278332500	ASSY FLYWHEEL L	
3-27	*9278332600	METAL	
3-28	9278332700	ARM BRAKE	
3-29	9278332800	ASSY SUB REEL R	
3-30	9278332900	ARM TRIGER	
3-31	9278333000	GEAR CAM	
3-32	*9278333100	METAL	
3-33	9278333200	ASSY FLYWHEEL R	
3-34	*9278333300	METAL	
3-36	*9278333500	HOLER WIRE	
3-37	*9278333600	P.C.BOARD	
3-38	*9278333700	SWITCH MODE	
3-39	*9278333800	SWITCH LEAF	
3-40	*9278333900	HALL IC.	
3-41	*9278334000	BRACKET FW	
3-43	9278334100	ASSY MOTOR	
3-45	9278334300	BELT MAIN	
3-46	*9278334400	P.C.BOARD	
3-47	*9278334500	HOUSING	
3-61	*9278334600	SPRING	
3-62	*9278334700	SPRING	
3-63	*9278334800	SPRING	
3-64	9278334900	SPRING	
3-65	*9278335000	SPRING	
3-66	*9278335100	SPRING	
3-67	*9278335200	SPRING	
3-68	9278335300	SPRING	
3-69	*9278335400	SPRING	
3-70	*9278335500	SPRING	
3-71	*9278335600	SPRING	
3-72	9278335700	SPRING	
3-73	*9278335800	SPRING	
3-81	*9278335900	SCREW	
3-82	*9278336000	SCREW	
3-83	*9278336100	SCREW	
3-84	*9278336200	SCREW	
3-85	*9278336300	SCREW	
3-86	*9278336400	SCREW	
3-87	*9278154700	SCREW	
3-91	*9278336600	WASHER	
3-92	9278336700	WASHER	

6 PC BOARDS AND PARTS LIST

基板図とパーツリスト

MAIN PCB ASSY [W-800R]

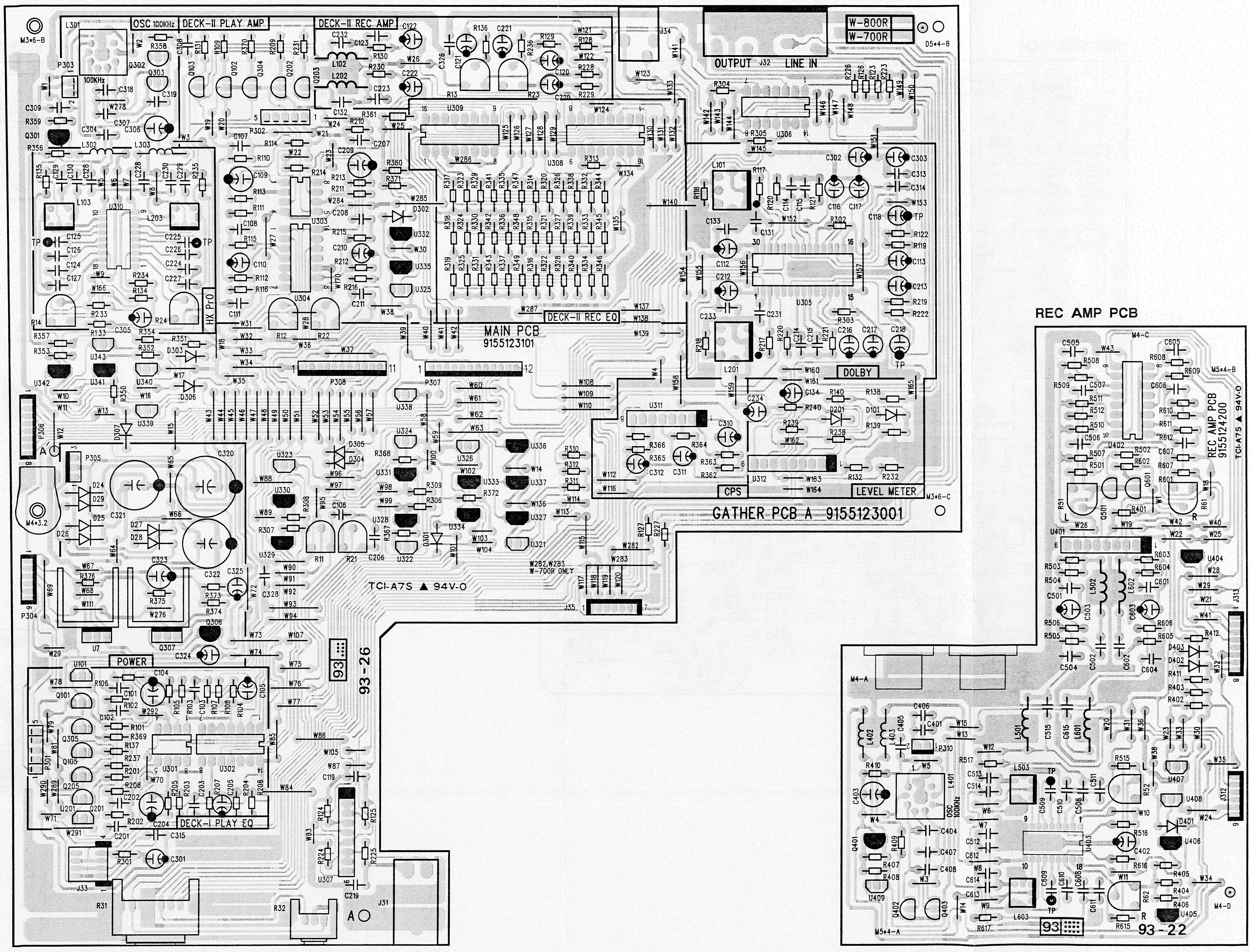
REF.NO.	PARTS NO.	DESCRIPTION
	*9145123102	MAIN PCB ASSY (W-800R)
	*9155123101	MAIN PCB
	9781801000	NUT, M9
	9294005900	WASHER, 9.1
	*9260069800	HEAT SINK
	9783213008	SCREW, BTT-B M3X8
	9229021000	EARTH PLATE (A)
C320	⚠ 9117302000	C, ELEC 3300UF/16V
C321	⚠ 9117258000	C, ELEC 1000UF/16V
C322	⚠ 9117273510	C, ELEC 2200UF/16V
D 24- 29	⚠ 9165020550	DIODE, 1N4003
D101,201	9165022150	DIODE, 1SS133T
D301-307	9165022150	DIODE, 1SS133T
J 31	9143327000	PHONE JACK
J 32	9143188000	PIN JACK, 4P
J 33	5336347400	CONNECTOR SOCKET
J 34	9143312000	MINIATURE JACK
J 35	9143337000	CONNECTOR PLUG, 7P
L101,201	9122019400	LOW-PASS FILTER, MPX
L102,202	9122019300	COIL, 22MH
L103,203	9173007700	COIL, STEP UP
L301	9173008200	COIL, OSC 100KHZ
L302,303	9173006350	COIL, 220UH
P304	9143329000	CONNECTOR PLUG, 6P
P305	9143171000	CONNECTOR PLUG, 3P
P306	9143325000	CONNECTOR PLUG, 8P
P307	9143240000	CONNECTOR PLUG, 12P
P308	9143239000	CONNECTOR PLUG, 11P
Q101,201	9163309420	TR, 2SC1815GR
Q102,202	9163309420	TR, 2SC1815GR
Q103,203	9163311520	TR, 2SC2240GR
Q105,205	9163311520	TR, 2SC2240GR
Q301	9163009920	TR, 2SA1015GR
Q302,303	9163309420	TR, 2SC1815GR
Q304,305	9163311520	TR, 2SC2240GR
Q307	⚠ 5220432900	IC, M5F79M07L
R 11, 21	9112059810	VR, SEMI-FIXED 10K(B)
R 12, 22	9112059810	VR, SEMI-FIXED 10K(B)
R 13, 23	9112057010	VR, SEMI-FIXED 22K(B)
R 14, 24	9112059810	VR, SEMI-FIXED 10K(B)
R 31	9172021700	VR, 50KAX2
R 32	9172021300	VR, 100KWX1
U 7	⚠ 5220432200	IC, M5F78M07L
U101,201	9163310420	TR, DTC124ES
U301,303	9167014000	IC, UPC4570C
U302,304	9167009800	IC, TC4066BP
U305	9167019200	IC, CXA1331S
U306	9167009800	IC, TC4066BP
U307	9167012100	IC, NJM4558S
U308	9167019600	IC, CXA1198AP
U309	9167018900	IC, BU4051B
U310	9167012800	IC, UPC1297CA
U311	5220426200	IC, M51143AL
U312	9167012100	IC, NJM4558S
U321-326	9163310420	TR, DTC124ES
U327-337	9163011220	TR, DTA124ES
U338-340	9163310420	TR, DTC124ES
U341,342	9163011220	TR, DTA124ES
U343	9163310420	TR, DTC124ES

MAIN PCB ASSY [W-700R]

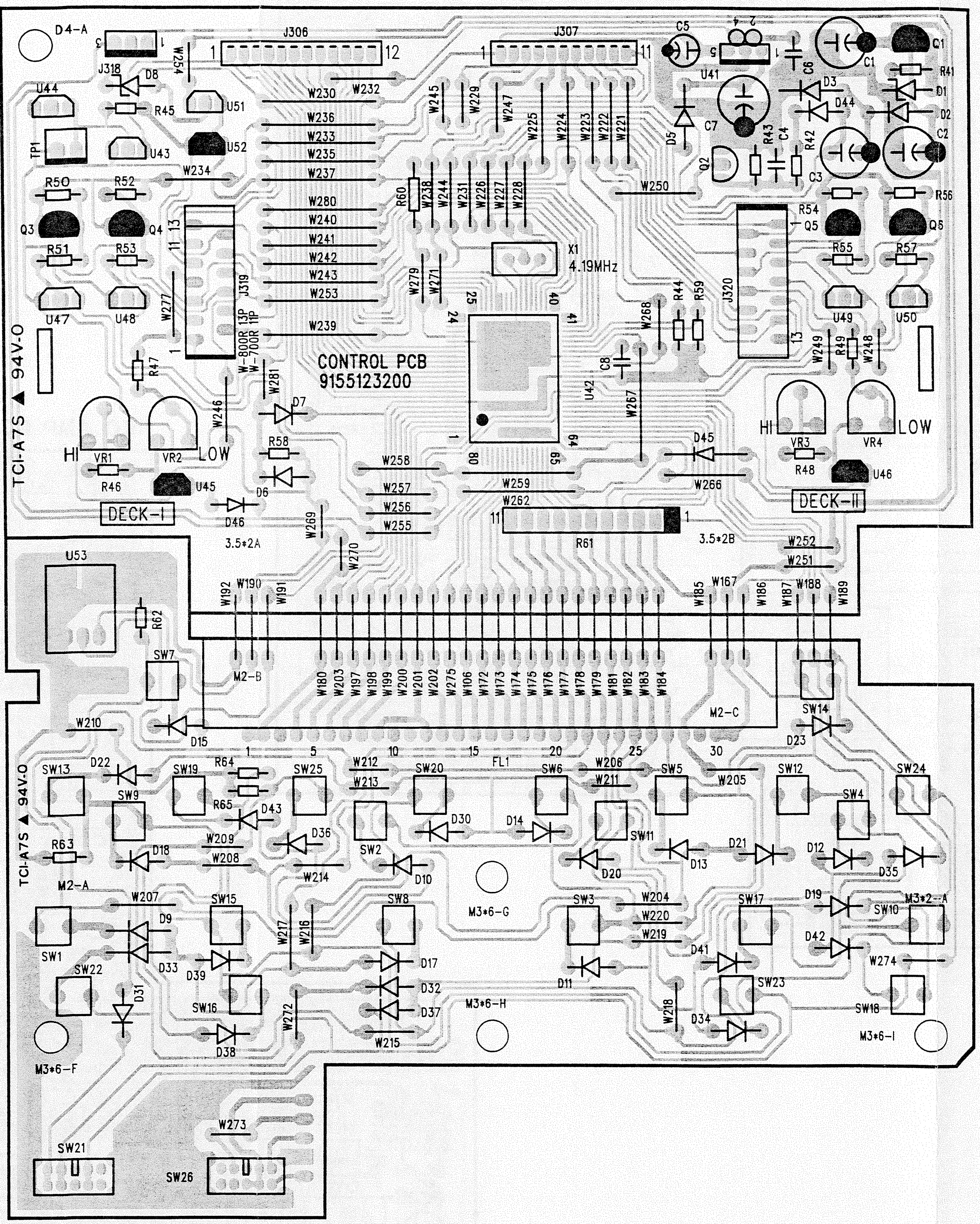
REF.NO.	PARTS NO.	DESCRIPTION
	*9145123113	MAIN PCB ASSY (W-700R)
	*9155123101	MAIN PCB
	9781801000	NUT, M9
	9294005900	WASHER, 9.1
	*9260069800	HEAT SINK
	9783213008	SCREW, BTT-B M3X8
	9229021000	EARTH PLATE (A)
C320	⚠ 9117302000	C, ELEC 3300UF/16V
C321	⚠ 9117258000	C, ELEC 1000UF/16V
C322	⚠ 9117273510	C, ELEC 2200UF/16V
D 24- 29	⚠ 9165020550	DIODE, 1N4003
D101,201	9165022150	DIODE, 1SS133T
D302-307	9165022150	DIODE, 1SS133T
J 31	9143327000	PHONE JACK
J 32	9143188000	PIN JACK, 4P
J 33	5336347400	CONNECTOR SOCKET
J 34	9143312000	MINIATURE JACK
L101,201	9122019400	LOW-PASS FILTER, MPX
L102,202	9122019300	COIL, 22MH
L103,203	9173007700	COIL, STEP UP
L301	9173008200	COIL, OSC 100KHZ
L302,303	9173006350	COIL, 220UH
P305	9143171000	CONNECTOR PLUG, 3P
P307	9143240000	CONNECTOR PLUG, 12P
P308	9143239000	CONNECTOR PLUG, 11P
Q102,202	9163309420	TR, 2SC1815GR
Q103,203	9163311520	TR, 2SC2240GR
Q301	9163009920	TR, 2SA1015GR
Q302,303	9163309420	TR, 2SC1815GR
Q304	9163311520	TR, 2SC2240GR
Q307	⚠ 5220432900	IC, M5F79M07L
R 11, 21	9112059810	VR, SEMI-FIXED 10K(B)
R 12, 22	9112059810	VR, SEMI-FIXED 10K(B)
R 13, 23	9112057010	VR, SEMI-FIXED 22K(B)
R 14, 24	9112059810	VR, SEMI-FIXED 10K(B)
R 31	9172021700	VR, 50KAX2
R 32	9172021300	VR, 100KWX1
U 7	⚠ 5220432200	IC, M5F78M07L
U101,201	9163310420	TR, DTC124ES
U301,303	9167014000	IC, UPC4570C
U302,304	9167009800	IC, TC4066BP
U305	9167019200	IC, CXA1331S
U306	9167009800	IC, TC4066BP
U307	9167012100	IC, NJM4558S
U308	9167019600	IC, CXA1198AP
U309	9167018900	IC, BU4051B
U310	9167012800	IC, UPC1297CA
U312	9167012100	IC, NJM4558S
U321-325	9163310420	TR, DTC124ES
U327-332	9163011220	TR, DTA124ES
U335-337	9163011220	TR, DTA124ES
U338-340	9163310420	TR, DTC124ES
U341,342	9163011220	TR, DTA124ES
U343	9163310420	TR, DTC124ES

MAIN PCB

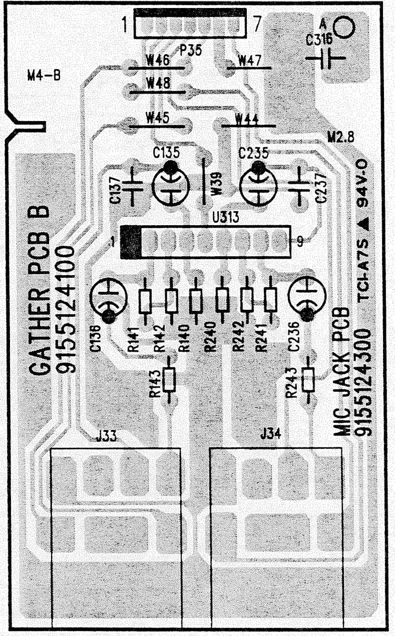
REC AMP PCB


OSC 100KHz
DECK-II PLAY AMP
DECK-II REC AMP
W-800R
W-700R
OUTPUT J32 LINE IN
HX PrO
MAIN PCB
9155123101
DECK-II REC EQ
DOLBY
CPS
LEVEL METER
GATHER PCB A 9155123001
W282,W283 W-700R ONLY
TCI-A7S ▲ 94V-0
POWER
DECK-I PLAY EQ
93-26
REC AMP PCB
9155124200
TCI-A7S ▲ 94V-0
OSC 100KHz
93-22

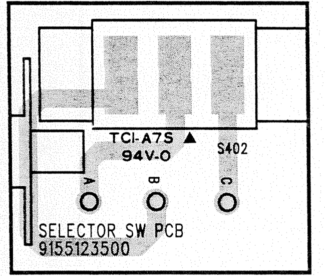
CONTROL PCB


CONTROL PCB
9155123200
TCI-A7S ▲ 94V-0
J306
J307
X1
4.19MHz
U42
U41
U53
J319
J320
W-800R 13P
W-700R 11P
VR1
VR2
VR3
VR4
HI
LOW
DECK-I
DECK-II
FL1
M2-A
M2-B
M2-C
M3*6-F
M3*6-G
M3*6-H
M3*6-I
M3*2-A
D4-A
SW21
SW26

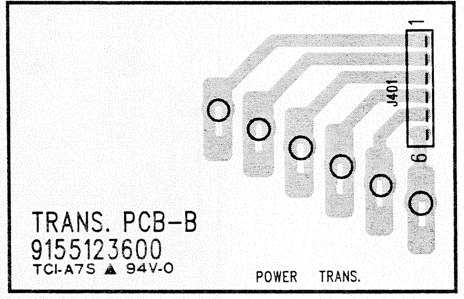
MIC JACK PCB


GATHER PCB B
9155124100
MIC JACK PCB
9155124300
TCI-A7S ▲ 94V-0
P35
U313
J33
J34
M4-B
M2.8

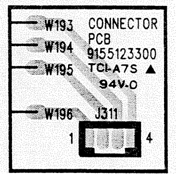
SELECTOR SW PCB


TCI-A7S ▲
94V-0
S402
SELECTOR SW PCB
9155123500

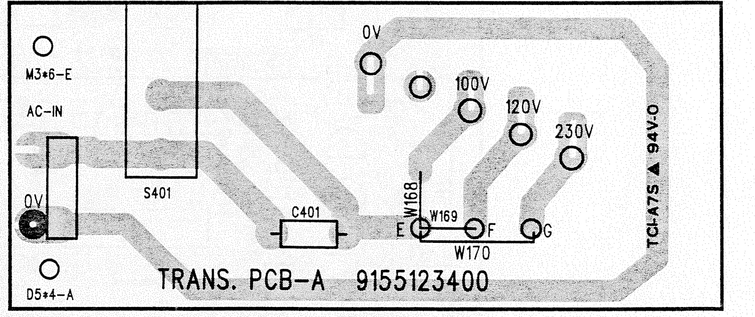
TRANS. PCB B


J401
TRANS. PCB-B
9155123600
TCI-A7S ▲ 94V-0
POWER TRANS.

CONNECTOR PCB


W193
W194
W195
W196
CONNECTOR PCB
9155123300
TCI-A7S ▲
94V-0
J311

TRANS. PCB A


M3*6-E
AC-IN
0V
100V
120V
230V
S401
C401
W168
W169
W170
D5*4-A
TRANS. PCB-A 9155123400
TCI-A7S ▲ 94V-0

REC AMP PCB ASSY [W-800R]

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123800	REC AMP PCB ASSY
	*9155123800	REC AMP PCB
D401-403	9165022150	DIODE, 1SS133T
J312	9143334000	CONNECTOR SOCKET, 6P
J313	9143324000	CONNECTOR PLUG, 8P
L401	9173008200	COIL, OSC 100KHZ
L402,403	9173006350	COIL, 220UH
L501,601	9122019300	COIL, 22MH
L502,602	9122018910	COIL, 8.2MH
L503,603	9173007700	COIL, STEP UP
P310	9143170000	CONNECTOR PLUG, 2P
Q401	9163009920	TR, 2SA1015GR
Q402,403	9163309420	TR, 2SC1815GR
Q501,601	9163310620	TR, 2SC2878A
R 51, 61	9112057010	VR, SEMI-FIXED 22K(B)
R 52, 62	9112059810	VR, SEMI-FIXED 10K(B)
U401	9167012100	IC, NJM4558S
U402	9167019800	IC, BU4052B
U403	9167012800	IC, UPC1297CA
U404-406	9163011220	TR, DTA124ES
U407-409	9163310420	TR, DTC124ES

CONTROL PCB ASSY [W-800R]

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123201	CONTROL PCB ASSY (W-800R)
	*9155123200	CONTROL PCB
	*9260184201	FL SPACER, L
	*9260185201	FL SPACER, R
D 1	9166051550	DIODE, ZENER MTZJ27B
D 2, 3	⚠ 9165020550	DIODE, 1N4003
D 5	9165020550	DIODE, 1N4003
D 6, 7	9165022150	DIODE, 1SS133T
D 8	9166051650	DIODE, ZENER MTZJ3.9B
D 9- 15	9165022150	DIODE, 1SS133T
D 17- 23	9165022150	DIODE, 1SS133T
D 30- 39	9165022150	DIODE, 1SS133T
D 41- 46	9165022150	DIODE, 1SS133T
FL 1	9174015700	FL DISPLAY, BJ-185GKB
J318	9143171000	CONNECTOR PLUG, 3P
J319,320	9143333000	WIRE CONNECTOR, 13P
Q 1	⚠ 9163009920	TR, 2SA1015GR
Q 2	9163309420	TR, 2SC1815GR
Q 3- 6	9163011620	TR, 2SA1020Y
R 61	9111252000	RESISTOR ARRAY, 100KX10
SW 1- 20	9136001820	SW, TACT
SW21, 26	9135033200	SW, SLIDE
SW22- 25	9136001820	SW, TACT
TP 1	9160013000	TP PIN, 2P
U 41	9167018500	IC, L78LR05D-MA
U 42	9167023600	IC, UPD78042GF-046
U 43, 44	9163310420	TR, DTC124ES
U 45, 46	9163011220	TR, DTA124ES
U 47- 51	9163310420	TR, DTC124ES
U 52	9163011220	TR, DTA124ES
U 53	5292211000	REMOTE CONT. MODULE
VR 1- 4	9112059910	VR, SEMI-FIXED 2.2K(B)
X 1	5347017700	OSC, CERAMIC

CONTROL PCB ASSY [W-700R]

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123211	CONTROL PCB ASSY (W-700R)
	*9155123200	CONTROL PCB
	*9260184201	FL SPACER, L
	*9260185201	FL SPACER, R
D 1	9166051550	DIODE, ZENER MTZJ27B
D 2, 3	⚠ 9165020550	DIODE, 1N4003
D 5	9165020550	DIODE, 1N4003
D 6, 7	9165022150	DIODE, 1SS133T
D 8	9166051650	DIODE, ZENER MTZJ3.9B
D 9- 13	9165022150	DIODE, 1SS133T
D 15	9165022150	DIODE, 1SS133T
D 17- 21	9165022150	DIODE, 1SS133T
D 23	9165022150	DIODE, 1SS133T
D 34- 36	9165022150	DIODE, 1SS133T
D 39	9165022150	DIODE, 1SS133T
D 41- 46	9165022150	DIODE, 1SS133T
FL 1	9174015700	FL DISPLAY, BJ-185GKB
J318	9143171000	CONNECTOR PLUG, 3P
J319	9143332000	WIRE CONNECTOR, 11P
J320	9143333000	WIRE CONNECTOR, 13P
Q 1	⚠ 9163009920	TR, 2SA1015GR
Q 2	9163309420	TR, 2SC1815GR
Q 3- 6	9163011620	TR, 2SA1020Y
R 61	9111252000	RESISTOR ARRAY, 100KX10
SW 1- 5	9136001820	SW, TACT
SW 7- 12	9136001820	SW, TACT
SW14, 15	9136001820	SW, TACT
SW17- 19	9136001820	SW, TACT
SW21, 26	9135033200	SW, SLIDE
SW23- 25	9136001820	SW, TACT
TP 1	9160013000	TP PIN, 2P
U 41	9167018500	IC, L78LR05D-MA
U 42	9167023600	IC, UPD78042GF-046
U 43, 44	9163310420	TR, DTC124ES
U 45, 46	9163011220	TR, DTA124ES
U 47- 51	9163310420	TR, DTC124ES
U 52	9163011220	TR, DTA124ES
U 53	5292211000	REMOTE CONT. MODULE
VR 1- 4	9112059910	VR, SEMI-FIXED 2.2K(B)
X 1	5347017700	OSC, CERAMIC

MIC JACK PCB ASSY [W-800R]

REF.NO.	PARTS NO.	DESCRIPTION
	*9145124300	MIC JACK PCB ASSY
	*9155124300	MIC JACK PCB
J 33, 34	9143281010	MIC JACK
P 35	9143335000	CONNECTOR SOCKET, 7P
U313	9167012100	IC, NJM4558S

CONNECTOR PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123300	CONNECTOR PCB ASSY
	*9155123300	CONNECTOR PCB
J311	5336349400	CONNECTOR PLUG, 4P

SELECTOR SW PCB ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123500	SELECTOR SW PCB ASSY [GE]
	*9155123500	SELECTOR SW PCB
	⚠ 9134010700	SW, AC SELECTOR

TRANS. PCB B ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123600	TRANS PCB B ASSY
	*9155123600	TRANS PCB B

TRANS. PCB A ASSY

REF.NO.	PARTS NO.	DESCRIPTION
	*9145123400	TRANS PCB A ASSY [US,C]
	*9145123410	TRANS PCB A ASSY [E,UK,A]
	*9145123420	TRANS PCB A ASSY [GE]
	*9145123430	TRANS PCB A ASSY [J]
	*9155123400	TRANS PCB A
	5327009600	TERMINAL LAPPING,2P[E,UK,A]
C401	⚠ 9120000100	SPARK KILLER 0.0047UF/250V
S401	⚠ 9135028900	SW, POWER

MEMO

W-800R/W-700R

TEAC®

ティアック株式会社	営業部	☎ (0422) 52-5071	〒180 東京都武蔵野市中町1－19－18	武蔵野センタービル
技術的なお問合わせ	AV技術相談室	☎ (0425) 60-7761	〒208 東京都武蔵村山市伊奈平2－11－1	
サービスに関するお問合わせは、最寄りの営業所等へご連絡ください． 営業所にはサービス・センターが併設されています．	札幌営業所	☎ (011) 521-4101㈹	〒064 札幌市中央区南7条西2－2	くぼたビル
	仙台営業所	☎ (022) 227-1501㈹	〒980 仙台市青葉区1番町2－5－5	中央ビル
	新潟サービス	☎ (025) 245-0103	〒950 新潟県新潟市本馬越1－4－11	黒井ハイツ
	大宮サービス	☎ (048) 642-4551㈹	〒330 大宮市三橋2－846	
	多摩サービス	☎ (0425) 60-8918	〒208 東京都武蔵村山市伊奈平2－11－1	
	東京サービス	☎ (03) 3592-1827	〒100 東京都千代田区永田町2－10－7	星ガ岡会館
	千葉サービス	☎ (043) 255-1281	〒260 千葉市中央区椿森1－21－13	清水ビル
	西関東営業所	☎ (0427) 51-6771	〒229 相模原市千代田1－3－1	MIビル
	静岡サービス	☎ (054) 238-2431	〒422 静岡市高松1－12－1	寿道ハイツ105号
	名古屋営業所	☎ (052) 702-3100㈹	〒465 名古屋市名東区上社5－406	
	京都サービス	☎ (075) 871-8730㈹	〒616 京都市右京区常盤窪町19	西垣ビル
	大阪営業所	☎ (06) 384-5201㈹	〒564 吹田市垂水町3－34－10	
	岡山サービス	☎ (0862) 25-8601	〒700 岡山市新保1142－6	
	広島営業所	☎ (082) 294-4751㈹	〒730 広島市中区西川口町13－19	
	福岡営業所	☎ (092) 431-5781㈹	〒812 福岡市博多区東光2－2－24	
	福岡サービス	☎ (092) 936-5672	〒811-22 福岡県粕屋郡志免町志免1041	
	サービス1課	☎ (0425) 60-8918	〒208 東京都武蔵村山市伊奈平2－11－1	

TEAC CORPORATION	Musashino Center Bldg.,1-19-18, Nakacho, Musashino-shi, Tokyo 180, Japan	Phone:(0422)52-5081
TEAC AMERICA, INC.	7733 Telegraph Road, Montebello, California 90640	Phone:(213)726-0303
TEAC CANADA LTD.	340 Brunel Road, Mississauga, Ontario L4Z 2C2, Canada	Phone:905-890-8008
TEAC UK LIMITED	5 Marlin House, Marlins Meadow, The Croxley Centre, Watford, Herts. WD1 8YA, U.K.	Phone:0923-819631
TEAC DEUTSCHLAND GmbH	Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany	Phone:0611-71580
TEAC FRANCE S.A.	17, Rue Alexis-de-Tocqueville, CE 005 92182 Antony Cedex, France	Phone:(1)42.37.01.02
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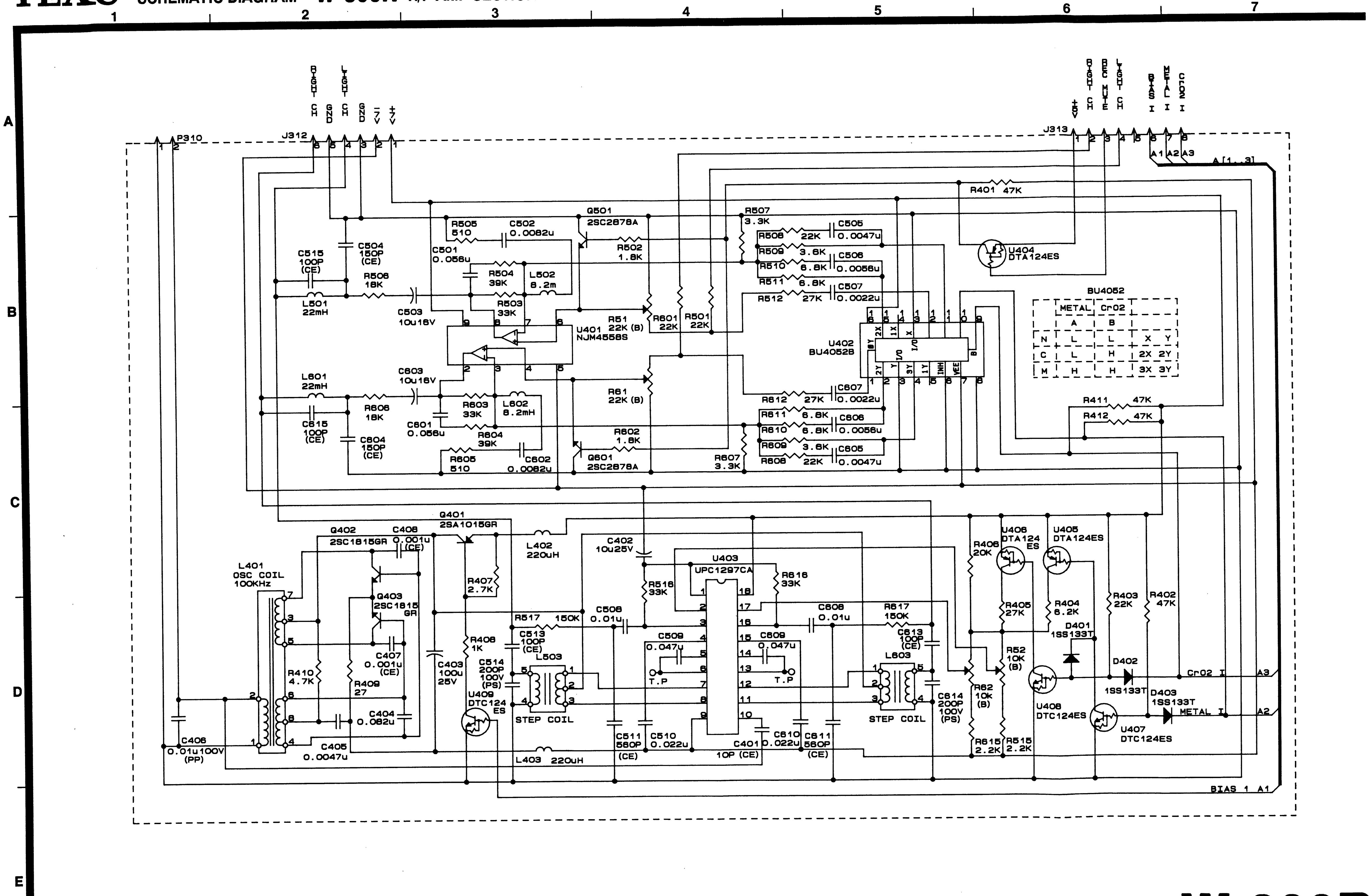
TEAC AUSTRALIA PTY., LTD. A.C.N. 005 408 462	106 Bay Street, Port Melborne, Victoria 3207, Australia	Phone:(03)646-1733
TEAC ITALIANA S.p.A.	Via C. Cantù 5, Cinisello Balsamo, Milano, Italy	Phone:02-66010500

DC020 PRINTED IN JAPAN 0993SK 0.7 M-0868A

TEAC SCHEMATIC DIAGRAM **W-800R** R/P AMP SECTION


1
2
3
4
5
6
7
A
B
C
D
E
J312
P310
RIGHT CH
GND
LEFT CH
GND
-V
+V
J313
+8V
RIGHT CH
REC MUTE
LEFT CH
BIAS I
METAL I
CrO2 I
A1 A2 A3
A [1..3]
R401 47K
Q501 2SC2878A
R505 510
C502 0.0082u
C501 0.056u
R504 39K
L502 8.2m
R503 33K
R502 1.8K
C504 150P (CE)
C515 100P (CE)
L501 22mH
R506 18K
C503 10u16V
U401 NJM4558S
R51 22K (B)
R601 22K
R501 22K
R507 3.3K
R508 22K
C505 0.0047u
R509 3.6K
C506 0.0056u
R510 6.8K
R511 6.8K
C507 0.0022u
R512 27K
U404 DTA124ES
BU4052
METAL
CrO2
A
B
N
L
L
X
Y
C
L
H
2X
2Y
M
H
H
3X
3Y
U402 BU4052B
L601 22mH
C603 10u16V
C615 100P (CE)
R606 18K
R603 33K
L602 8.2mH
C601 0.056u
R604 39K
C604 150P (CE)
R605 510
C602 0.0082u
R61 22K (B)
R602 1.8K
Q601 2SC2878A
R607 3.3K
R612 27K
C607 0.0022u
R611 6.8K
C606 0.0056u
R610 6.8K
R609 3.6K
C605 0.0047u
R608 22K
R411 47K
R412 47K
Q401 2SA1015GR
Q402 2SC1815GR
C408 0.001u (CE)
L401 OSC COIL 100KHz
Q403 2SC1815 GR
L402 220uH
R407 2.7K
C402 10u25V
U403 UPC1297CA
R516 33K
R616 33K
R517 150K
C508 0.01u
C608 0.01u
R617 150K
C513 100P (CE)
C613 100P (CE)
L503
L603
C509 0.047u
C609 0.047u
T.P
T.P
STEP COIL
STEP COIL
C407 0.001u (CE)
R410 4.7K
R409 27
R408 1K
C403 100u 25V
C514 200P 100V (PS)
C614 200P 100V (PS)
U409 DTC124 ES
C404 0.082u
C406 0.01u100V (PP)
C405 0.0047u
L403 220uH
C511 560P (CE)
C510 0.022u
C401 10P (CE)
C610 0.022u
C611 560P (CE)
R406 20K
U406 DTA124 ES
U405 DTA124ES
R405 27K
R404 8.2K
R403 22K
R402 47K
D401 1SS133T
R52 10K (B)
R62 10k (B)
D402 1SS133T
D403 1SS133T
U408 DTC124ES
U407 DTC124ES
R615 2.2K
R515 2.2K
CrO2 I
METAL I
A3
A2
BIAS 1 A1

INSTRUCTIONS FOR SERVICE PERSONNEL
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

NOTES:
1. Resistor values are in ohms (k=kilo-ohms, M=megohms).
2. Capacitor values are in microfarads (p=picofarads).
3. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components-refer to the appropriate parts list and ensure exact replacement.

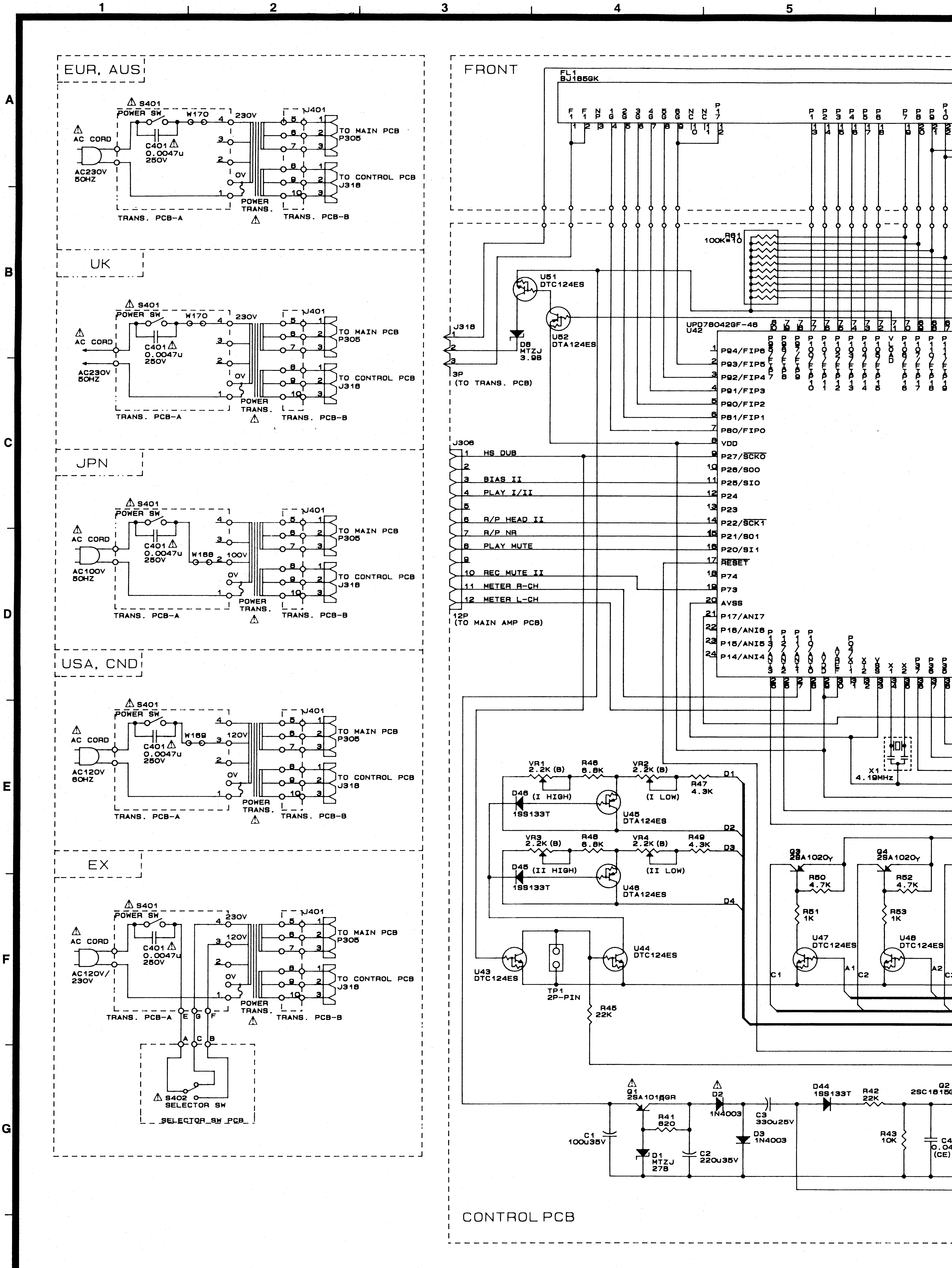
注意
1. 抵抗の単位はΩ（k＝kΩ，M＝MΩ）です。
2. コンデンサの単位はμF（p＝pF）です。
3. ⚠マークのある部品は安全規格重要部品です。
交換するときは必ずティアック指定の部品を使用してください。

W-800R

Double Auto Reverse Cassette Deck

1 st Issue; September 1993

TEAC SCHEMATIC DIAGRAM **W-700R** CONTROL SECTION


1
2
3
4
5
A
B
C
D
E
F
G
H
EUR, AUS
UK
JPN
USA, CND
EX
S401
POWER SW
W170
W168
W169
AC CORD
AC230V
50HZ
AC100V
50HZ
AC120V
60HZ
AC120V/
230V
C401
0.0047u
250V
230V
120V
100V
0V
POWER
TRANS.
J401
TO MAIN PCB
P305
TO CONTROL PCB
J318
TRANS. PCB-A
TRANS. PCB-B
S402
SELECTOR SW
SELECTOR SW PCB
FRONT
FL1
BJ185GK
R61
100K*10
U51
DTC124ES
U52
DTA124ES
D8
MTZJ
3.9B
J318
3P
(TO TRANS. PCB)
UPD78042GF-46
U42
P94/FIP6
P93/FIP5
P92/FIP4
P91/FIP3
P90/FIP2
P81/FIP1
P80/FIP0
VDD
P27/SCK0
P26/SO0
P25/SI0
P24
P23
P22/SCK1
P21/SO1
P20/SI1
RESET
P74
P73
AVSS
P17/ANI7
P16/ANI6
P15/ANI5
P14/ANI4
J306
HS DUB
BIAS II
PLAY I/II
R/P HEAD II
R/P NR
PLAY MUTE
REC MUTE II
METER R-CH
METER L-CH
12P
(TO MAIN AMP PCB)
X1
4.19MHz
VR1
2.2K (B)
R46
6.8K
VR2
2.2K (B)
R47
4.3K
D46
(I HIGH)
1SS133T
(I LOW)
U45
DTA124ES
VR3
2.2K (B)
R48
6.8K
VR4
2.2K (B)
R49
4.3K
D45
(II HIGH)
1SS133T
(II LOW)
U46
DTA124ES
D1
D2
D3
D4
U43
DTC124ES
TP1
2P-PIN
U44
DTC124ES
R45
22K
Q3
2SA1020Y
R50
4.7K
R51
1K
U47
DTC124ES
Q4
2SA1020Y
R52
4.7K
R53
1K
U48
DTC124ES
C1
A1
C2
A2
Q1
2SA1015GR
R41
820
C1
100u35V
D1
MTZJ
27B
C2
220u35V
D2
1N4003
C3
330u25V
D3
1N4003
D44
1SS133T
R42
22K
R43
10K
Q2
2SC1815G
C4
0.04
(CE)
CONTROL PCB

INSTRUCTIONS FOR SERVICE PERSONNEL

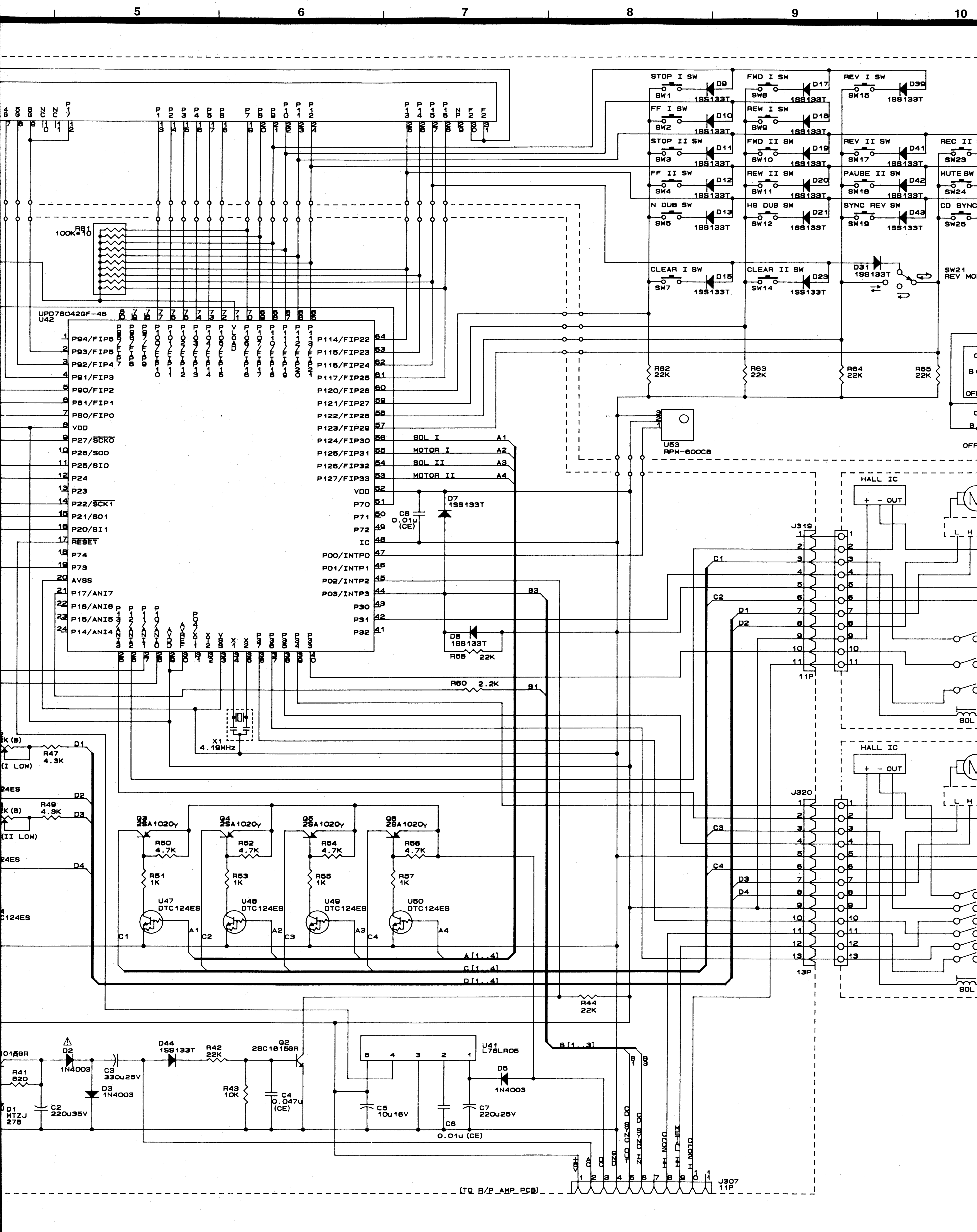
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

NOTES:

1. Resistor values are in ohms (k=kilo-ohms, M=megohms).
2. Capacitor values are in microfarads (p=picofarads).
3. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components-refer to the appropriate parts list and ensure exact replacement.

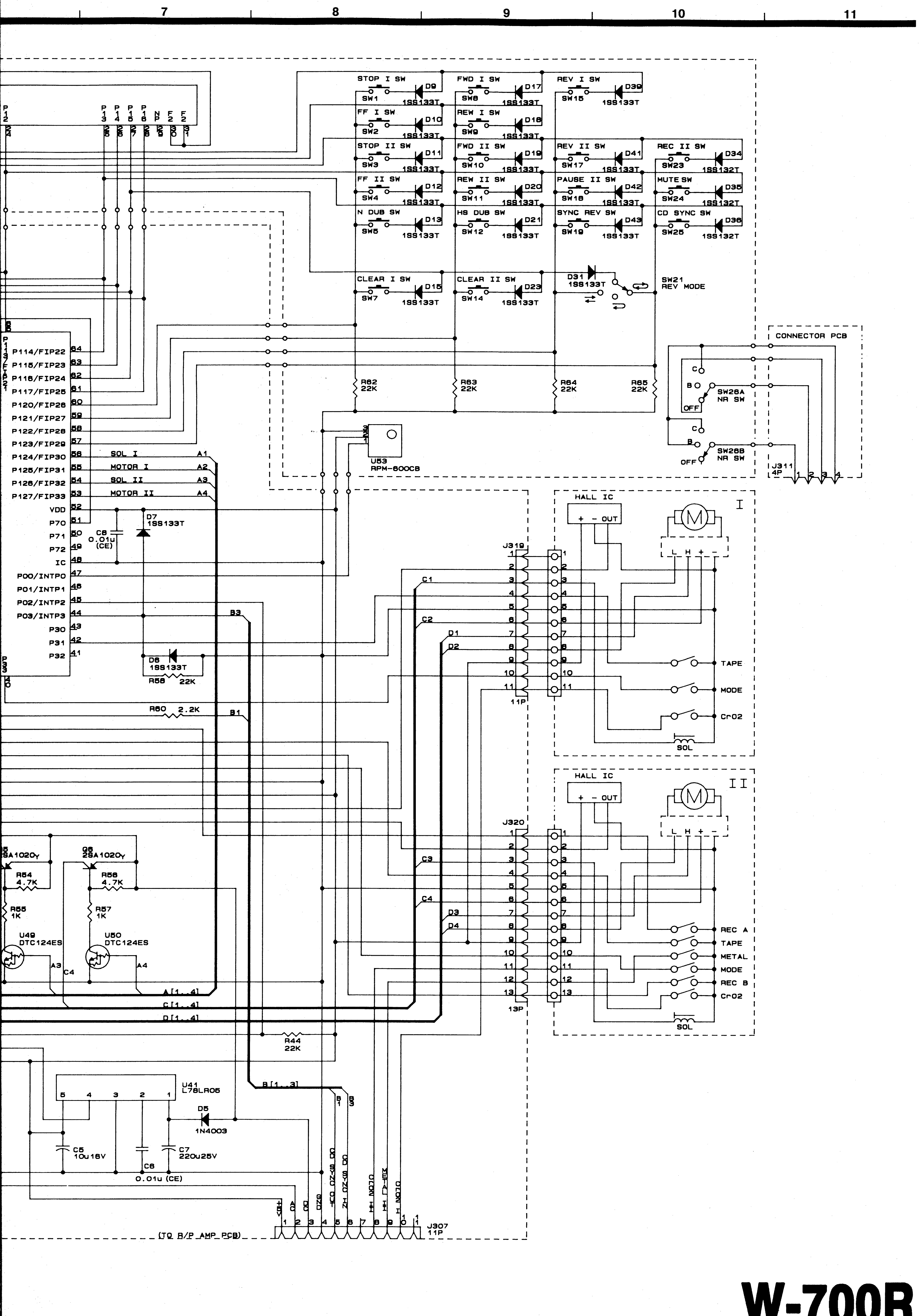
注意

1. 抵抗の単位はΩ（k = kΩ, M = MΩ）です。
2. コンデンサの単位はμF（p = pF）です。
3. ⚠マークのある部品は安全規格重要部品です。交換するときは必ずティアック指定の部品を使用してください。


5
6
7
8
9
10
UPD78042GF-46
U42
R61
100K*10
STOP I SW
SW1
D9
1SS133T
FF I SW
SW2
D10
STOP II SW
SW3
D11
FF II SW
SW4
D12
N DUB SW
SW5
D13
CLEAR I SW
SW7
D15
FWD I SW
SW8
D17
REW I SW
SW9
D18
FWD II SW
SW10
D19
REW II SW
SW11
D20
HS DUB SW
SW12
D21
CLEAR II SW
SW14
D23
REV I SW
SW15
D39
REV II SW
SW17
D41
PAUSE II SW
SW18
D42
SYNC REV SW
SW19
D43
D31
SW21
REV MO
REC II
SW23
MUTE SW
SW24
CD SYNC
SW25
R62 22K
R63 22K
R64 22K
R65 22K
U53
RPM-600CB
P94/FIP6
P93/FIP5
P92/FIP4
P91/FIP3
P90/FIP2
P81/FIP1
P80/FIP0
VDD
P27/SCK0
P26/SO0
P25/SI0
P24
P23
P22/SCK1
P21/SO1
P20/SI1
RESET
P74
P73
AVSS
P17/ANI7
P16/ANI6
P15/ANI5
P14/ANI4
P114/FIP22
P115/FIP23
P116/FIP24
P117/FIP25
P120/FIP26
P121/FIP27
P122/FIP28
P123/FIP29
P124/FIP30
P125/FIP31
P126/FIP32
P127/FIP33
VDD
P70
P71
P72
IC
P00/INTP0
P01/INTP1
P02/INTP2
P03/INTP3
P30
P31
P32
SOL I
MOTOR I
SOL II
MOTOR II
A1
A2
A3
A4
C8
0.01u
(CE)
D7
1SS133T
D6
1SS133T
R58 22K
R60 2.2K
B1
B3
X1
4.19MHz
R47
4.3K
(I LOW)
R49
4.3K
(II LOW)
D1
D2
D3
D4
Q3
2SA1020Y
R50 4.7K
R51 1K
U47
DTC124ES
Q4
2SA1020Y
R52 4.7K
R53 1K
U48
DTC124ES
Q5
2SA1020Y
R54 4.7K
R55 1K
U49
DTC124ES
Q6
2SA1020Y
R56 4.7K
R57 1K
U50
DTC124ES
C1
C2
C3
C4
A[1..4]
C[1..4]
D[1..4]
B[1..3]
R44
22K
HALL IC
+ - OUT
L H
SOL
J319
11P
J320
13P
R41
820
D1
MTZJ
27B
C2
220u35V
D2
1N4003
D3
1N4003
C3
330u25V
D44
1SS133T
R42
22K
Q2
2SC1815GR
R43
10K
C4
0.047u
(CE)
U41
L78LR05
D5
1N4003
C5
10u16V
C6
0.01u (CE)
C7
220u25V
J307
11P
(TO R/P AMP PCB)

注意
1. 抵抗の単位はΩ（k＝kΩ，M＝MΩ）です。
2. コンデンサの単位はμF（p＝pF）です。
3. ⚠マークのある部品は安全規格重要部品です。
交換するときは必ずティアック指定の部品を使用してください。

Double Auto

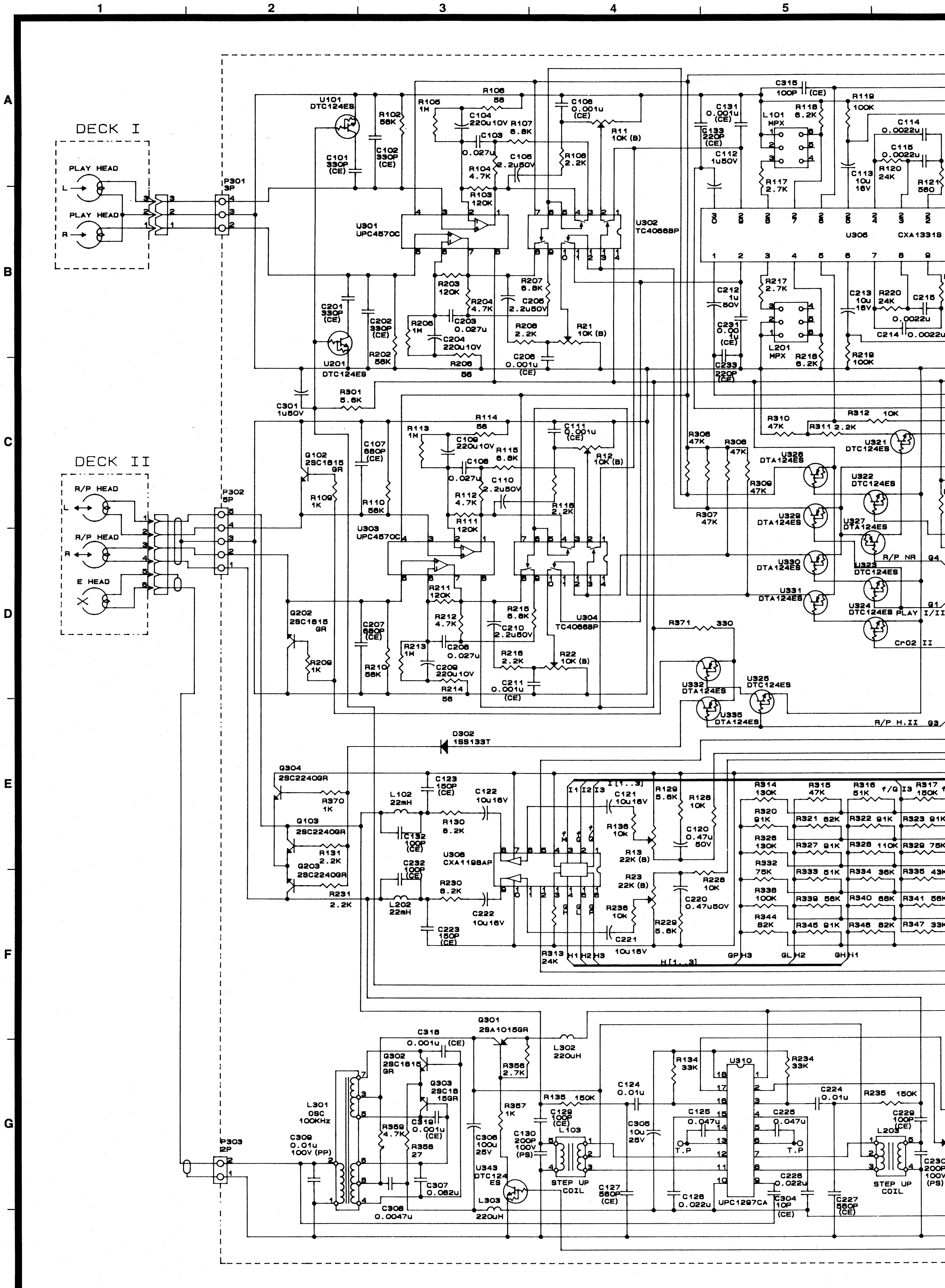

7
8
9
10
11
STOP I SW
SW1
D9
1SS133T
FWD I SW
SW8
D17
REV I SW
SW15
D39
FF I SW
SW2
D10
REW I SW
SW9
D18
STOP II SW
SW3
D11
FWD II SW
SW10
D19
REV II SW
SW17
D41
REC II SW
SW23
D34
1SS132T
FF II SW
SW4
D12
REW II SW
SW11
D20
PAUSE II SW
SW18
D42
MUTE SW
SW24
D35
N DUB SW
SW5
D13
HS DUB SW
SW12
D21
SYNC REV SW
SW19
D43
CD SYNC SW
SW25
D36
CLEAR I SW
SW7
D15
CLEAR II SW
SW14
D23
D31
SW21
REV MODE
CONNECTOR PCB
SW26A
NR SW
SW26B
NR SW
OFF
J311
4P
R62
22K
R63
22K
R64
22K
R65
22K
U53
RPM-600CB
P114/FIP22
P115/FIP23
P116/FIP24
P117/FIP25
P120/FIP26
P121/FIP27
P122/FIP28
P123/FIP29
P124/FIP30
P125/FIP31
P126/FIP32
P127/FIP33
VDD
P70
P71
P72
IC
P00/INTP0
P01/INTP1
P02/INTP2
P03/INTP3
P30
P31
P32
SOL I
MOTOR I
SOL II
MOTOR II
A1
A2
A3
A4
C8
0.01u
(CE)
D7
1SS133T
D6
1SS133T
R58
22K
R60
2.2K
B1
B3
C1
C2
C3
C4
D1
D2
D3
D4
J319
11P
J320
13P
HALL IC
+ - OUT
I
II
L H + -
TAPE
MODE
CrO2
SOL
REC A
METAL
REC B
Q5
2SA1020Y
Q6
2SA1020Y
R54
4.7K
R56
4.7K
R55
1K
R57
1K
U49
DTC124ES
U50
DTC124ES
A[1..4]
C[1..4]
D[1..4]
B[1..3]
R44
22K
U41
L78LR05
D5
1N4003
C5
10u16V
C6
0.01u (CE)
C7
220u25V
J307
11P
(TO R/P AMP PCB)

W-700R

Double Auto Reverse Cassette Deck

1 st Issue; September 1993

TEAC SCHEMATIC DIAGRAM **W-700R** R/P AMP SECTION


1
2
3
4
5
A
B
C
D
E
F
G
H
DECK I
PLAY HEAD
L
PLAY HEAD
R
P301
3P
U101
DTC124ES
C101
330P
(CE)
C102
330P
(CE)
R102
56K
R106
56
R105
1M
C104
220u10V
R107
6.8K
C103
0.027u
R104
4.7K
C105
2.2u50V
R103
120K
C106
0.001u
(CE)
R11
10K (B)
R108
2.2K
U301
UPC4570C
U302
TC4066BP
C201
330P
(CE)
C202
330P
(CE)
U201
DTC124ES
R202
56K
R203
120K
R204
4.7K
R205
1M
C203
0.027u
C204
220u10V
R206
56
R207
6.8K
C205
2.2u50V
R208
2.2K
R21
10K (B)
C206
0.001u
(CE)
C301
1u50V
R301
5.6K
C316
100P (CE)
C131
0.001u
(CE)
C133
220P
(CE)
C112
1u50V
L101
MPX
R118
6.2K
R117
2.7K
R119
100K
C114
0.0022u
C115
0.0022u
C113
10u
16V
R120
24K
R121
560
U305
CXA1331S
C212
1u
50V
C231
0.001u
(CE)
C233
220P
(CE)
R217
2.7K
L201
MPX
R218
6.2K
C213
10u
16V
R220
24K
C215
0.0022u
C214
0.0022u
R219
100K
DECK II
R/P HEAD
L
R/P HEAD
R
E HEAD
P302
5P
Q102
2SC1815
GR
R109
1K
C107
680P
(CE)
R110
56K
R113
1M
R114
56
C109
220u10V
R115
6.8K
C108
0.027u
C110
2.2u50V
R112
4.7K
R111
120K
C111
0.001u
(CE)
R12
10K (B)
R116
2.2K
U303
UPC4570C
U304
TC4066BP
Q202
2SC1815
GR
R209
1K
C207
680P
(CE)
R210
56K
R211
120K
R212
4.7K
R213
1M
C208
0.027u
C209
220u10V
R214
56
R215
6.8K
C210
2.2u50V
R216
2.2K
R22
10K (B)
C211
0.001u
(CE)
R310
47K
R312 10K
R311 2.2K
R305
47K
R306
47K
R309
47K
R307
47K
U321
DTC124ES
U326
DTA124ES
U322
DTC124ES
U329
DTA124ES
U327
DTA124ES
U330
DTA124ES
R/P NR
G4
U323
DTC124ES
U331
DTA124ES
U324
DTC124ES
PLAY
G1
I/II
Cr02 II
R371 330
U332
DTA124ES
U325
DTC124ES
U335
DTA124ES
R/P H.II
G3
D302
1SS133T
Q304
2SC2240GR
R370
1K
Q103
2SC2240GR
R131
2.2K
Q203
2SC2240GR
R231
2.2K
L102
22mH
C123
150P
(CE)
C122
10u16V
C132
100P
(CE)
R130
8.2K
U306
CXA1198AP
C232
100P
(CE)
R230
8.2K
L202
22mH
C222
10u16V
C223
150P
(CE)
I[1..3]
I1
I2
I3
C121
10u16V
R129
5.6K
R128
10K
R136
10K
C120
0.47u
50V
R13
22K (B)
R23
22K (B)
R228
10K
C220
0.47u50V
R236
10K
R229
5.6K
C221
10u16V
R313
24K
H1
H2
H3
H[1..3]
GP
H3
GL
H2
GH
H1
R314
130K
R315
47K
R316
51K
f/Q
I3
R317
150K
R320
91K
R321 62K
R322 91K
R323 91K
R326
130K
R327 91K
R328 110K
R329 75K
R332
75K
R333 51K
R334 36K
R335 43K
R338
100K
R339 56K
R340 68K
R341 56K
R344
82K
R345 91K
R346 82K
R347 33K
P303
2P
C309
0.01u
100V (PP)
L301
OSC
100KHz
C318
0.001u (CE)
Q302
2SC1815
GR
Q303
2SC18
15GR
R359
4.7K
C319
0.001u
(CE)
R358
27
C307
0.082u
C308
0.0047u
Q301
2SA1015GR
R356
2.7K
L302
220uH
R357
1K
C306
100u
25V
U343
DTC124
ES
L303
220uH
R135 150K
C129
100P
(CE)
L103
C130
200P
100V
(PS)
STEP UP
COIL
C127
560P
(CE)
C124
0.01u
C305
10u
25V
R134
33K
U310
C125
0.047u
T.P
C126
0.022u
UPC1297CA
R234
33K
C224
0.01u
C225
0.047u
T.P
C226
0.022u
C304
10P
(CE)
C227
560P
(CE)
R235 150K
C229
100P
(CE)
L203
C230
200P
100V
(PS)
STEP UP
COIL

INSTRUCTIONS FOR SERVICE PERSONNEL

BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

注意

1. 抵抗の単位はΩ（k＝kΩ，M＝MΩ）です。
2. コンデンサの単位はμF（p＝pF）です。
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NOTES:

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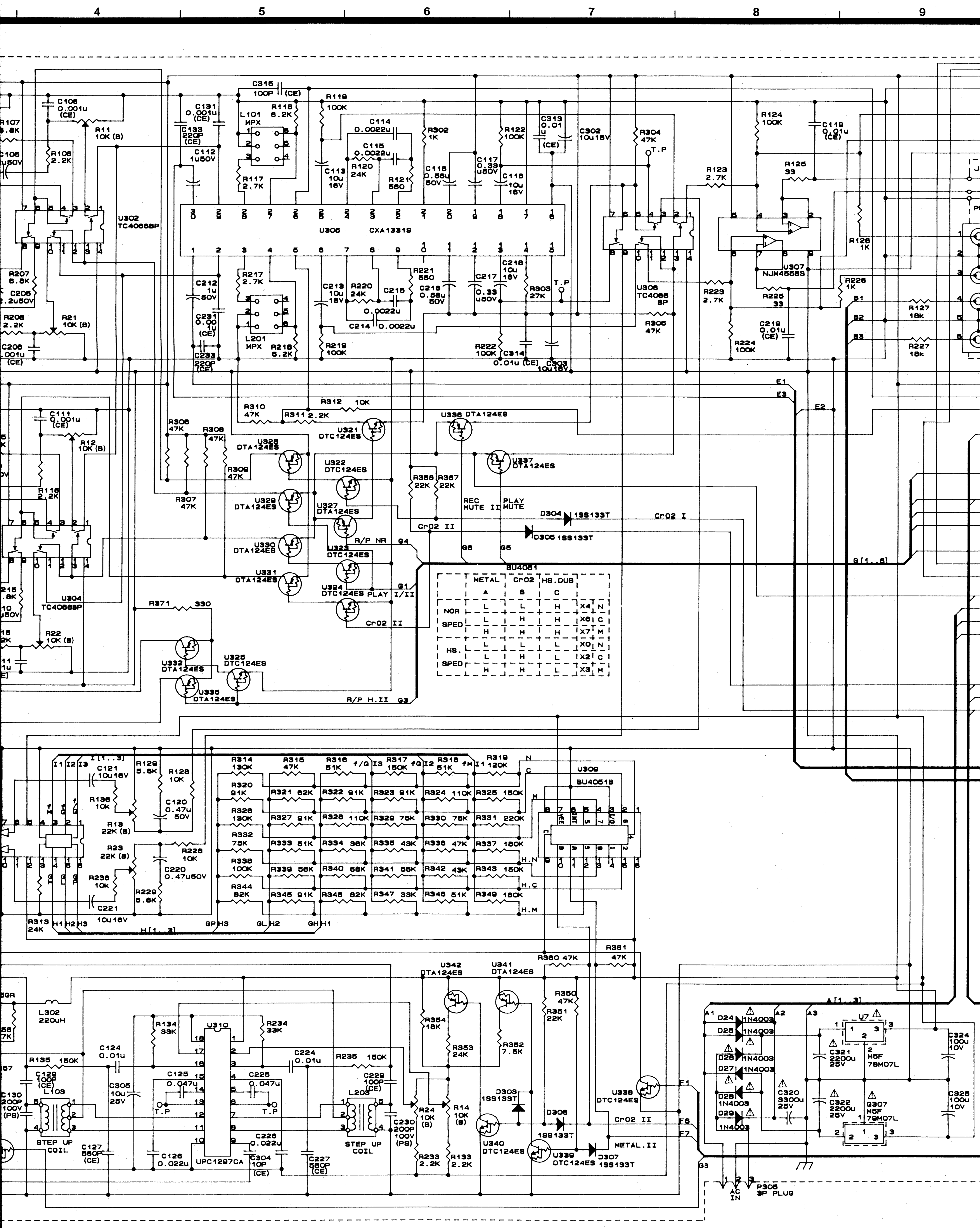
4
5
6
7
8
9
U302 TC4066BP
U304 TC4066BP
U305 CXA1331S
U306 TC4066BP
U307 NJM4558S
U309 BU4051B
U310 UPC1297CA
L101 MPX
L201 MPX
L103 STEP UP COIL
L203 STEP UP COIL
L302 220uH
C315 100P (CE)
R119 100K
R118 6.2K
C114 0.0022u
C115 0.0022u
R120 24K
R121 560
R302 1K
R122 100K
C313 0.01u (CE)
C302 10u16V
R304 47K
T.P
R124 100K
C119 0.01u (CE)
R123 2.7K
R125 33
R126 1K
R11 10K (B)
R12 10K (B)
R21 10K (B)
R22 10K (B)
U321 DTC124ES
U322 DTC124ES
U323 DTC124ES
U324 DTC124ES
U325 DTC124ES
U326 DTA124ES
U327 DTA124ES
U329 DTA124ES
U330 DTA124ES
U331 DTA124ES
U332 DTA124ES
U335 DTA124ES
U336 DTA124ES
U337 DTA124ES
U338 DTC124ES
U339 DTC124ES
U340 DTC124ES
U341 DTA124ES
U342 DTA124ES
REC MUTE II
PLAY MUTE
D304 1SS133T
D305 1SS133T
D303 1SS133T
D306 1SS133T
D307 1SS133T
CrO2 I
CrO2 II
R/P NR
PLAY I/II
R/P H.II
METAL.II
G[1..6]
I[1..3]
H[1..3]
A[1..3]
D24 1N4003
D25 1N4003
D26 1N4003
D27 1N4003
D28 1N4003
D29 1N4003
U7 M5F 78M07L
Q307 M5F 79M07L
C320 3300u 25V
C321 2200u 25V
C322 2200u 25V
C324 100u 10V
C325 100u 10V
AC IN
P305 3P PLUG

BU4051

	METAL A	CrO2 B	HS.DUB C		
NOR SPED	L	L	H	X4	N
	L	H	H	X6	C
	H	H	H	X7	M
HS. SPED	L	L	L	X0	N
	L	H	L	X2	C
	H	H	L	X3	M

M = MΩ) です。
= pF) です。
規格重要部品です。
ク指定の部品を

NOTES:
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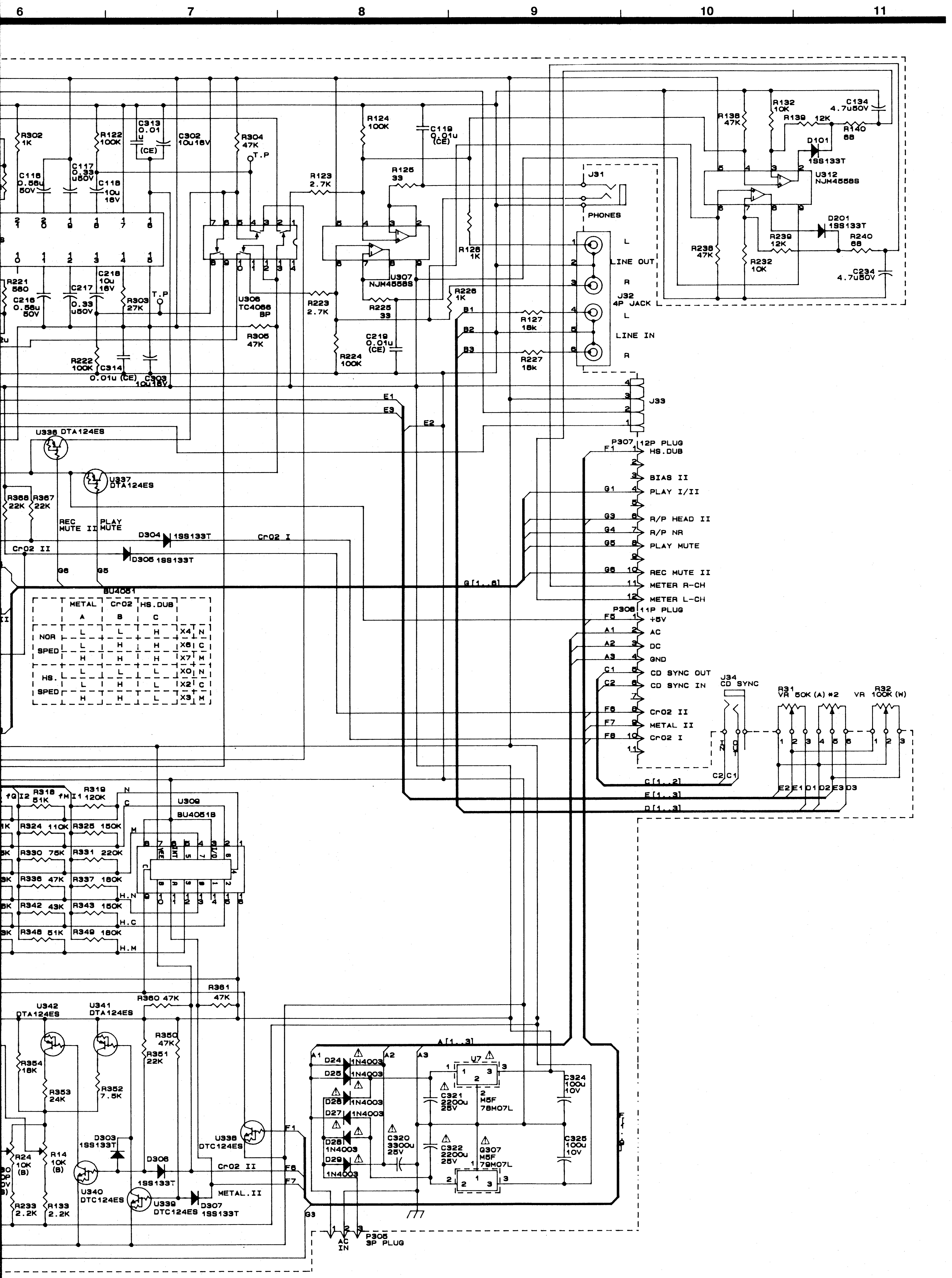
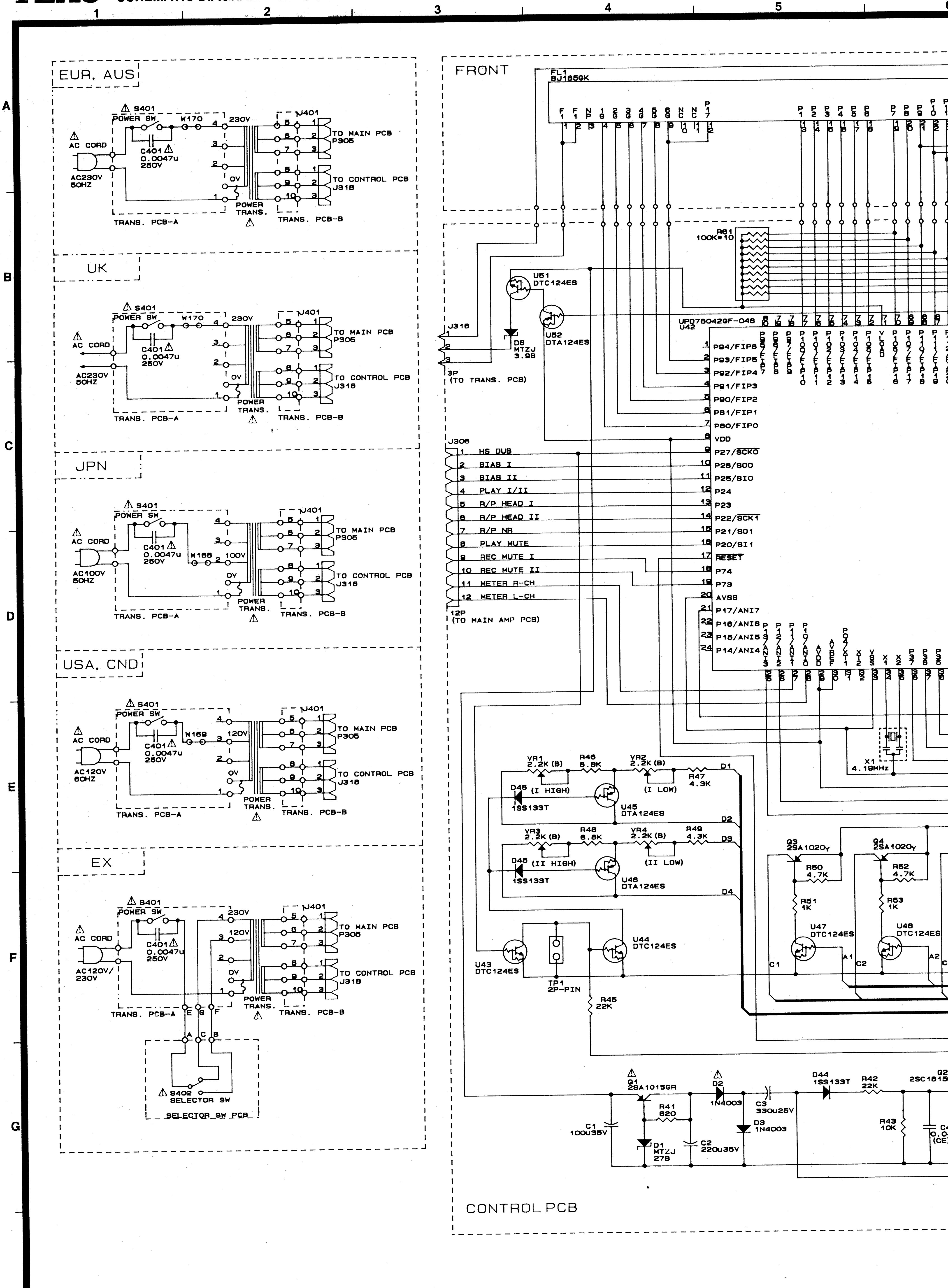

6
7
8
9
10
11
R302 1K
C116 0.56u 50V
C117 0.33u 50V
C118 10u 16V
R122 100K
C313 0.01 (CE)
C302 10u16V
R304 47K
T.P
R221 560
C216 0.56u 50V
C217 0.33u 50V
C218 10u 16V
R303 27K
T.P
R222 100K
C314 0.01u (CE)
C303 10u16V
U306 TC4066 BP
R305 47K
R123 2.7K
R124 100K
C119 0.01u (CE)
R125 33
U307 NJM4558S
R223 2.7K
R225 33
R224 100K
C219 0.01u (CE)
R126 1K
R226 1K
R127 18k
R227 18k
B1
B2
B3
J31
PHONES
L
R
LINE OUT
J32 4P JACK
LINE IN
J33
R136 47K
R132 10K
R139 12K
C134 4.7u50V
R140 68
D101 1SS133T
U312 NJM4558S
D201 1SS133T
R236 47K
R232 10K
R239 12K
R240 68
C234 4.7u50V
E1
E3
E2
U336 DTA124ES
U337 DTA124ES
R366 22K
R367 22K
REC MUTE II
PLAY MUTE
D304 1SS133T
D305 1SS133T
CrO2 I
CrO2 II
G6
G5
G[1..6]
BU4051
METAL A
CrO2 B
HS.DUB C
NOR SPED
HS. SPED
L L H X4 N
L H H X6 C
H H H X7 M
L L L X0 N
L H L X2 C
H H L X3 M
P307 12P PLUG
F1 1 HS.DUB
2
3 BIAS II
G1 4 PLAY I/II
5
G3 6 R/P HEAD II
G4 7 R/P NR
G5 8 PLAY MUTE
9
G6 10 REC MUTE II
11 METER R-CH
12 METER L-CH
P306 11P PLUG
F5 1 +5V
A1 2 AC
A2 3 DC
A3 4 GND
C1 5 CD SYNC OUT
C2 6 CD SYNC IN
7
F6 8 CrO2 II
F7 9 METAL II
F8 10 CrO2 I
11
J34 CD SYNC
R31 VR 50K (A) *2
R32 VR 100K (W)
C2 C1
E2 E1 D1 D2 E3 D3
C[1..2]
E[1..3]
D[1..3]
R318 51K
R319 120K
fQ I2 fM I1
N
C
M
U309
BU4051B
R324 110K
R325 150K
R330 75K
R331 220K
R336 47K
R337 180K
R342 43K
R343 150K
R348 51K
R349 180K
H.N
H.C
H.M
VEE
INH
R360 47K
R361 47K
U342 DTA124ES
U341 DTA124ES
R350 47K
R351 22K
R354 18K
R353 24K
R352 7.5K
D303 1SS133T
R24 10K (B)
R14 10K (B)
U340 DTC124ES
D306 1SS133T
U339 DTC124ES
D307 1SS133T
U338 DTC124ES
CrO2 II
METAL.II
R233 2.2K
R133 2.2K
F1
F6
F7
G3
A[1..3]
A1
A2
A3
D24 1N4003
D25 1N4003
D26 1N4003
D27 1N4003
D28 1N4003
D29 1N4003
U7
M5F 78M07L
C321 2200u 25V
C322 2200u 25V
C320 3300u 25V
Q307 M5F 79M07L
C324 100u 10V
C325 100u 10V
P305 3P PLUG
AC IN

W-700R

Double Auto Reverse Cassette Deck

1 st Issue; September 1993

TEAC SCHEMATIC DIAGRAM W-800R CONTROL SECTION


1
2
3
4
5
A
B
C
D
E
F
G
H
EUR, AUS
UK
JPN
USA, CND
EX
S401
POWER SW
W170
W168
W169
230V
100V
120V
0V
C401
0.0047u
250V
AC CORD
AC230V
50HZ
AC100V
50HZ
AC120V
60HZ
AC120V/
230V
J401
TO MAIN PCB
P305
TO CONTROL PCB
J318
POWER
TRANS.
TRANS. PCB-A
TRANS. PCB-B
S402
SELECTOR SW
SELECTOR SW PCB
FRONT
FL1
BJ185GK
R61
100K*10
U51
DTC124ES
U52
DTA124ES
D8
MTZJ
3.9B
J318
3P
(TO TRANS. PCB)
UPD78042GF-046
U42
P94/FIP6
P93/FIP5
P92/FIP4
P91/FIP3
P90/FIP2
P81/FIP1
P80/FIP0
VDD
P27/SCK0
P26/SO0
P25/SI0
P24
P23
P22/SCK1
P21/SO1
P20/SI1
RESET
P74
P73
AVSS
P17/ANI7
P16/ANI6
P15/ANI5
P14/ANI4
J306
1 HS DUB
2 BIAS I
3 BIAS II
4 PLAY I/II
5 R/P HEAD I
6 R/P HEAD II
7 R/P NR
8 PLAY MUTE
9 REC MUTE I
10 REC MUTE II
11 METER R-CH
12 METER L-CH
12P
(TO MAIN AMP PCB)
X1
4.19MHz
VR1
2.2K (B)
R46
6.8K
VR2
2.2K (B)
R47
4.3K
D1
D46
(I HIGH)
1SS133T
(I LOW)
U45
DTA124ES
D2
VR3
2.2K (B)
R48
6.8K
VR4
2.2K (B)
R49
4.3K
D3
D45
(II HIGH)
1SS133T
(II LOW)
U46
DTA124ES
D4
Q3
2SA1020Y
R50
4.7K
R51
1K
U47
DTC124ES
Q4
2SA1020Y
R52
4.7K
R53
1K
U48
DTC124ES
C1
A1
C2
A2
U43
DTC124ES
U44
DTC124ES
TP1
2P-PIN
R45
22K
Q1
2SA1015GR
R41
820
C1
100u35V
D1
MTZJ
27B
C2
220u35V
D2
1N4003
C3
330u25V
D3
1N4003
D44
1SS133T
R42
22K
R43
10K
Q2
2SC1815
CONTROL PCB

INSTRUCTIONS FOR SERVICE PERSONNEL

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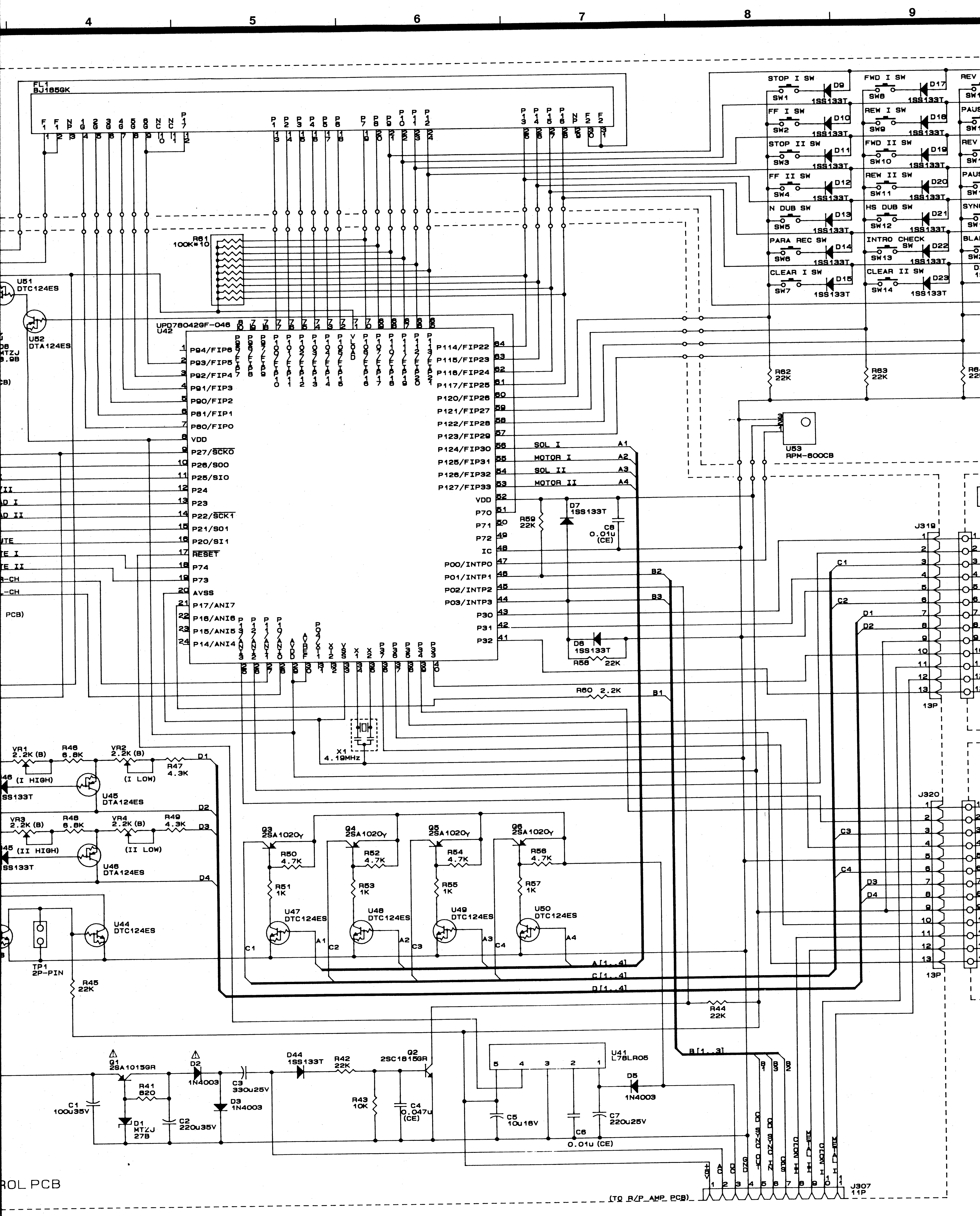
4
5
6
7
8
9
FL1
BJ165GK
R61
100K*10
U51
DTC124ES
U52
DTA124ES
UPD780420F-046
U42
P94/FIP6
P93/FIP5
P92/FIP4
P91/FIP3
P90/FIP2
P81/FIP1
P80/FIP0
VDD
P27/SCK0
P26/SO0
P25/SIO
P24
P23
P22/SCK1
P21/SO1
P20/SI1
RESET
P74
P73
AVSS
P17/ANI7
P16/ANI6
P15/ANI5
P14/ANI4
P114/FIP22
P115/FIP23
P116/FIP24
P117/FIP25
P120/FIP26
P121/FIP27
P122/FIP28
P123/FIP29
P124/FIP30
P125/FIP31
P126/FIP32
P127/FIP33
VDD
P70
P71
P72
IC
P00/INTP0
P01/INTP1
P02/INTP2
P03/INTP3
P30
P31
P32
SOL I
MOTOR I
SOL II
MOTOR II
A1
A2
A3
A4
B1
B2
B3
R59
22K
D7
1SS133T
C8
0.01u
(CE)
D6
1SS133T
R58 22K
R60 2.2K
X1
4.19MHz
STOP I SW
SW1
D9
1SS133T
FF I SW
SW2
D10
STOP II SW
SW3
D11
FF II SW
SW4
D12
N DUB SW
SW5
D13
PARA REC SW
SW6
D14
CLEAR I SW
SW7
D15
FWD I SW
SW8
D17
REW I SW
SW9
D18
FWD II SW
SW10
D19
REW II SW
SW11
D20
HS DUB SW
SW12
D21
INTRO CHECK SW
SW13
D22
CLEAR II SW
SW14
D23
REV
PAUS
SYNC
BLAN
R62
22K
R63
22K
U53
RPM-600CB
J319
13P
J320
13P
C1
C2
C3
C4
D1
D2
D3
D4
VR1
2.2K (B)
R46
6.8K
VR2
2.2K (B)
R47
4.3K
(I HIGH)
(I LOW)
1SS133T
U45
DTA124ES
VR3
2.2K (B)
R48
6.8K
VR4
2.2K (B)
R49
4.3K
(II HIGH)
(II LOW)
U46
DTA124ES
U44
DTC124ES
TP1
2P-PIN
R45
22K
Q3
2SA1020Y
R50
4.7K
R51
1K
U47
DTC124ES
Q4
2SA1020Y
R52
4.7K
R53
1K
U48
DTC124ES
Q5
2SA1020Y
R54
4.7K
R55
1K
U49
DTC124ES
Q6
2SA1020Y
R56
4.7K
R57
1K
U50
DTC124ES
A[1..4]
C[1..4]
D[1..4]
B[1..3]
R44
22K
Q1
2SA1015GR
R41
820
D1
MTZJ
27B
C1
100u35V
C2
220u35V
D2
1N4003
C3
330u25V
D3
1N4003
D44
1SS133T
R42
22K
R43
10K
C4
0.047u
(CE)
Q2
2SC1815GR
U41
L78LR05
C5
10u16V
C6
0.01u (CE)
C7
220u25V
D5
1N4003
J307
11P
(TO R/P AMP PCB)
ROL PCB

n ohms (k=kilo-ohms, M=megohms).
in microfarads (p=picofarads).
this sign are safety critical components.
e replaced with identical components-refer
arts list and ensure exact replacement.

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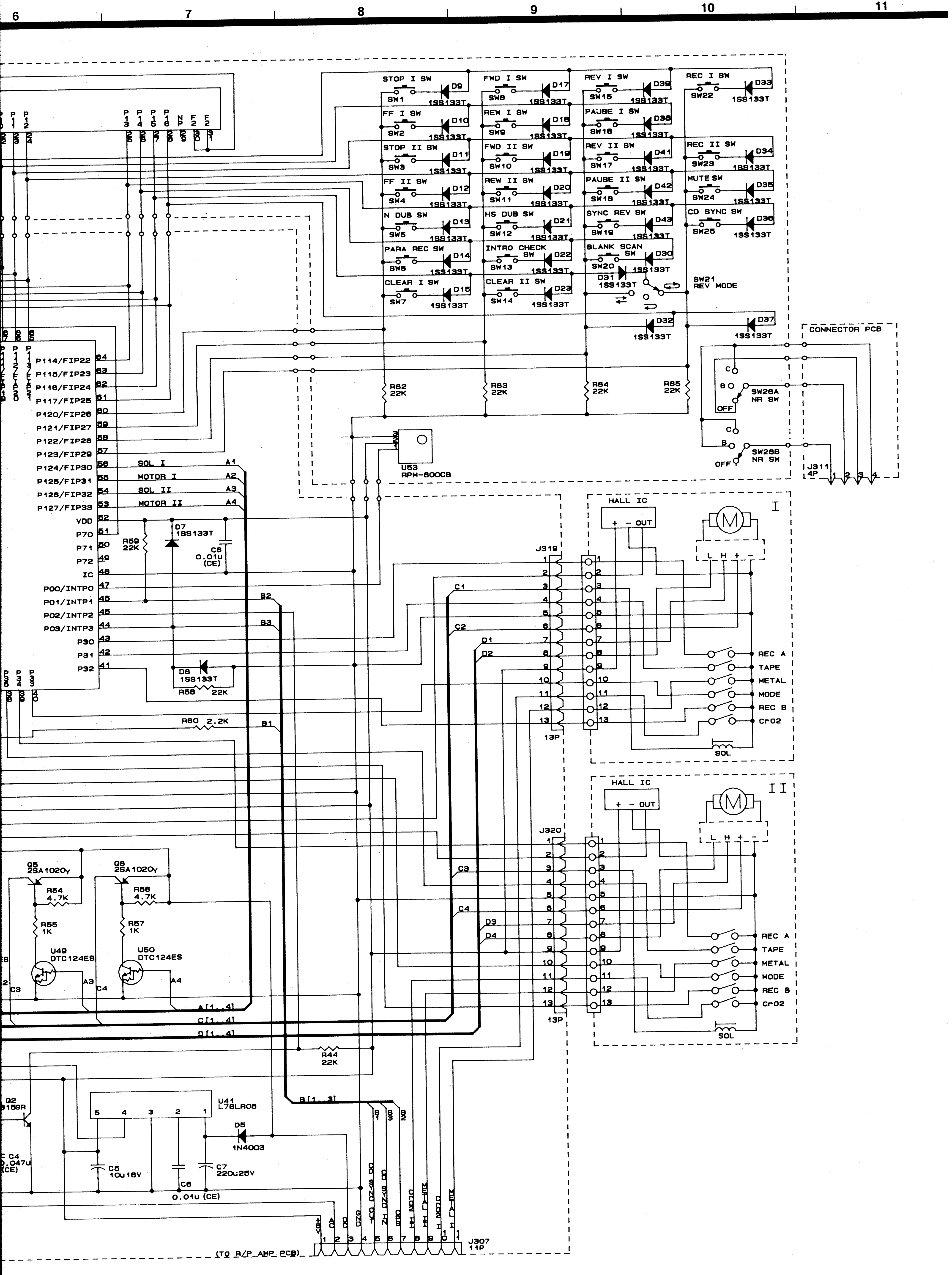
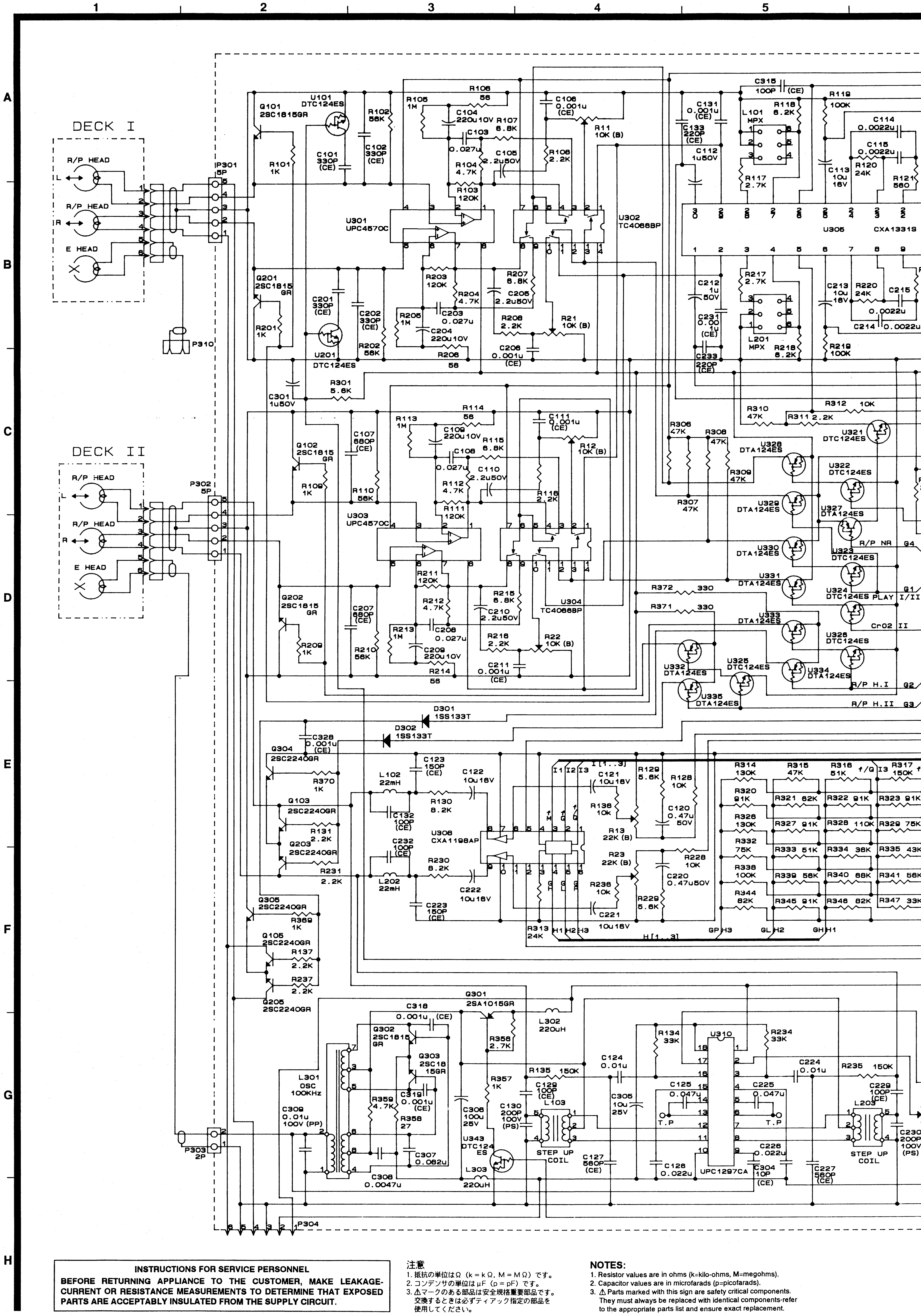

6
7
8
9
10
11
STOP I SW
SW1
D9
1SS133T
FWD I SW
SW8
D17
REV I SW
SW15
D39
REC I SW
SW22
D33
FF I SW
SW2
D10
REW I SW
SW9
D18
PAUSE I SW
SW16
D38
STOP II SW
SW3
D11
FWD II SW
SW10
D19
REV II SW
SW17
D41
REC II SW
SW23
D34
FF II SW
SW4
D12
REW II SW
SW11
D20
PAUSE II SW
SW18
D42
MUTE SW
SW24
D35
N DUB SW
SW5
D13
HS DUB SW
SW12
D21
SYNC REV SW
SW19
D43
CD SYNC SW
SW25
D36
PARA REC SW
SW6
D14
INTRO CHECK SW
SW13
D22
BLANK SCAN SW
SW20
D30
D31
1SS133T
SW21
REV MODE
CLEAR I SW
SW7
D15
CLEAR II SW
SW14
D23
D32
D37
CONNECTOR PCB
R62
22K
R63
22K
R64
22K
R65
22K
SW26A
NR SW
SW26B
NR SW
OFF
J311
4P
U53
RPM-600CB
P114/FIP22
P115/FIP23
P116/FIP24
P117/FIP25
P120/FIP26
P121/FIP27
P122/FIP28
P123/FIP29
P124/FIP30
P125/FIP31
P126/FIP32
P127/FIP33
VDD
P70
P71
P72
IC
P00/INTP0
P01/INTP1
P02/INTP2
P03/INTP3
P30
P31
P32
SOL I
MOTOR I
SOL II
MOTOR II
A1
A2
A3
A4
D7
1SS133T
R59
22K
C8
0.01u
(CE)
D6
1SS133T
R58
22K
R60 2.2K
B1
B2
B3
HALL IC
I
II
J319
J320
13P
C1
C2
C3
C4
D1
D2
D3
D4
REC A
TAPE
METAL
MODE
REC B
CrO2
SOL
Q5
2SA1020Y
Q6
2SA1020Y
R54
4.7K
R56
4.7K
R55
1K
R57
1K
U49
DTC124ES
U50
DTC124ES
A[1..4]
C[1..4]
D[1..4]
R44
22K
B[1..3]
Q2
U41
L78LR05
D5
1N4003
C4
.047u
(CE)
C5
10u16V
C6
0.01u (CE)
C7
220u25V
J307
11P
(TO R/P AMP PCB)

W-800R

Double Auto Reverse Cassette Deck

1 st Issue; September 1993

TEAC SCHEMATIC DIAGRAM **W-800R** R/P AMP SECTION


1
2
3
4
5
A
B
C
D
E
F
G
H
DECK I
R/P HEAD
L
R
E HEAD
P301
5P
P310
DECK II
P302
5P
P303
2P
P304
Q101
2SC1815GR
U101
DTC124ES
R102
56K
R101
1K
C101
330P
(CE)
C102
330P
(CE)
R105
1M
R106
56
C104
220u10V
R107
6.8K
C103
0.027u
C105
2.2u50V
R104
4.7K
R103
120K
C106
0.001u
(CE)
R11
10K (B)
R108
2.2K
U301
UPC4570C
U302
TC4066BP
Q201
2SC1815GR
R201
1K
C201
330P
(CE)
C202
330P
(CE)
U201
DTC124ES
R202
56K
R203
120K
R204
4.7K
R205
1M
C203
0.027u
C204
220u10V
R206
56
R207
6.8K
C205
2.2u50V
R208
2.2K
R21
10K (B)
C206
0.001u
(CE)
C301
1u50V
R301
5.6K
C315
100P (CE)
C131
0.001u
(CE)
C133
220P
(CE)
C112
1u50V
L101
MPX
R118
6.2K
R117
2.7K
R119
100K
C114
0.0022u
C115
0.0022u
C113
10u
16V
R120
24K
R121
560
U305
CXA1331S
C212
1u
50V
C231
0.001u
(CE)
C233
220P
(CE)
R217
2.7K
L201
MPX
R218
6.2K
C213
10u
16V
R220
24K
C215
0.0022u
C214
0.0022u
R219
100K
Q102
2SC1815GR
R109
1K
C107
680P
(CE)
R110
56K
R113
1M
R114
56
C109
220u10V
R115
6.8K
C108
0.027u
C110
2.2u50V
R112
4.7K
R111
120K
C111
0.001u
(CE)
R12
10K (B)
R116
2.2K
U303
UPC4570C
U304
TC4066BP
Q202
2SC1815GR
R209
1K
C207
680P
(CE)
R210
56K
R211
120K
R212
4.7K
R213
1M
C208
0.027u
C209
220u10V
R214
56
R215
6.8K
C210
2.2u50V
R216
2.2K
R22
10K (B)
C211
0.001u
(CE)
R310
47K
R311 2.2K
R312 10K
R306
47K
R308
47K
R309
47K
R307
47K
U321
DTC124ES
U328
DTA124ES
U322
DTC124ES
U329
DTA124ES
U327
DTA124ES
U330
DTA124ES
U323
DTC124ES
R/P NR
U331
DTA124ES
U324
DTC124ES
PLAY
I/II
R372 330
R371 330
U333
DTA124ES
CrO2 II
U326
DTC124ES
U332
DTA124ES
U325
DTC124ES
U334
DTA124ES
U335
DTA124ES
R/P H.I
R/P H.II
G1
G2
G3
G4
D301
1SS133T
D302
1SS133T
C328
0.001u
(CE)
Q304
2SC2240GR
R370
1K
Q103
2SC2240GR
R131
2.2K
Q203
2SC2240GR
R231
2.2K
L102
22mH
C123
150P
(CE)
C122
10u16V
C132
100P
(CE)
R130
8.2K
U306
CXA1198AP
C232
100P
(CE)
R230
8.2K
L202
22mH
C222
10u16V
C223
150P
(CE)
I[1..3]
I1
I2
I3
C121
10u16V
R129
5.6K
R128
10K
R136
10k
C120
0.47u
50V
R13
22K (B)
R23
22K (B)
R228
10K
R236
10k
C220
0.47u50V
R229
5.6K
C221
10u16V
R313
24K
H1
H2
H3
H[1..3]
GP
GL
GH
R314
130K
R315
47K
R316
51K
f/Q
R317
150K
R320
91K
R321 82K
R322 91K
R323 91K
R326
130K
R327 91K
R328 110K
R329 75K
R332
75K
R333 51K
R334 36K
R335 43K
R338
100K
R339 56K
R340 68K
R341 56K
R344
82K
R345 91K
R346 82K
R347 33K
Q305
2SC2240GR
R369
1K
Q105
2SC2240GR
R137
2.2K
R237
2.2K
Q205
2SC2240GR
Q301
2SA1015GR
C318
0.001u (CE)
L302
220uH
Q302
2SC1815GR
Q303
2SC1815GR
R358
2.7K
L301
OSC
100KHz
R359
4.7K
C319
0.001u
(CE)
R356
27
R357
1K
C306
100u
25V
C309
0.01u
100V (PP)
C307
0.082u
C308
0.0047u
U343
DTC124ES
L303
220uH
C130
200P
100V
(PS)
R135 150K
C129
100P
(CE)
L103
STEP UP
COIL
C127
560P
(CE)
C124
0.01u
C305
10u
25V
R134
33K
U310
UPC1297CA
R234
33K
C125
0.047u
T.P
C128
0.022u
C304
10P
(CE)
C224
0.01u
C225
0.047u
C226
0.022u
C227
560P
(CE)
R235 150K
C229
100P
(CE)
L203
C230
200P
100V
(PS)

INSTRUCTIONS FOR SERVICE PERSONNEL

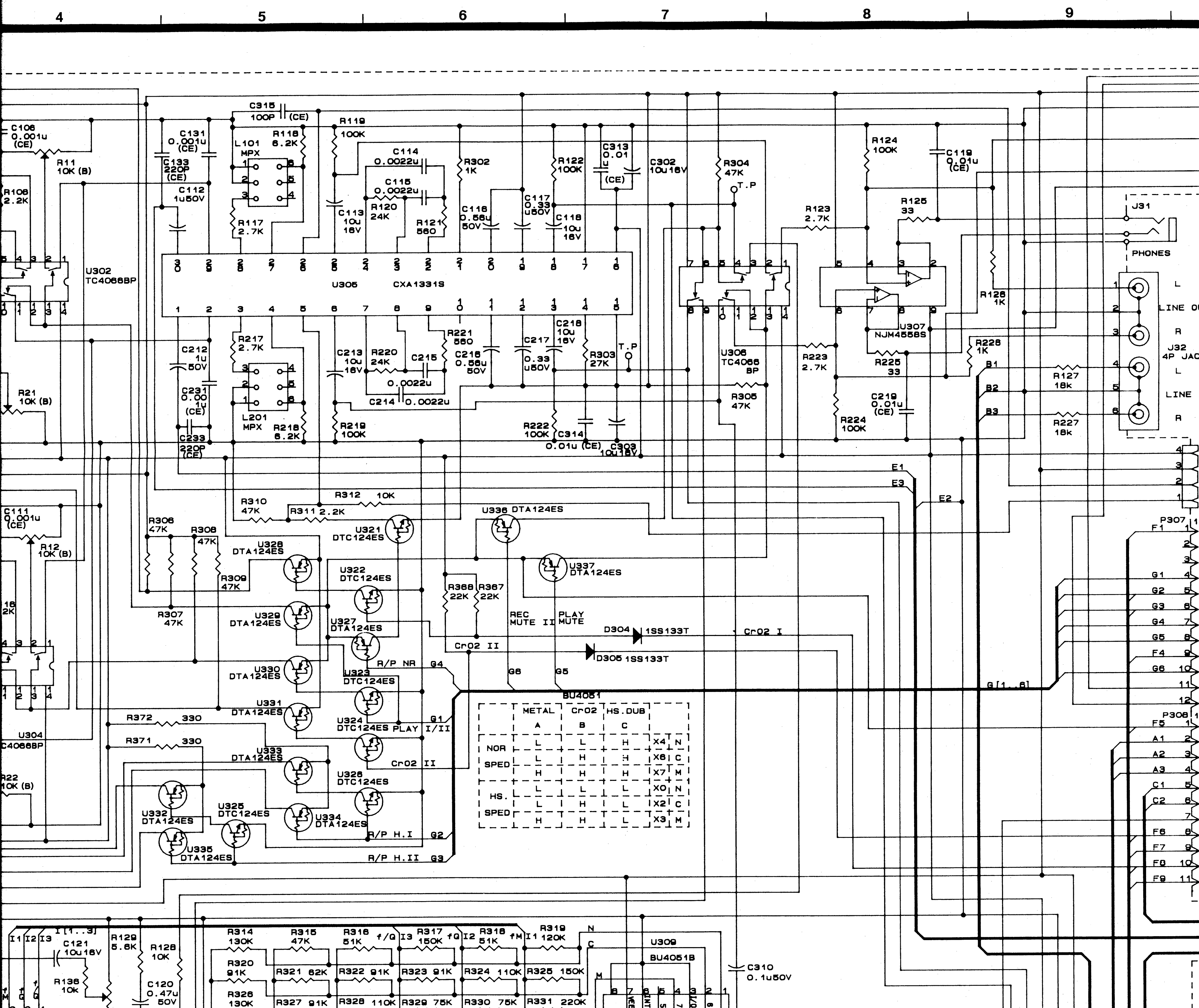
BEFORE RETURNING APPLIANCE TO THE CUSTOMER, MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT.

注意

1. 抵抗の単位はΩ（k = kΩ, M = MΩ）です。
2. コンデンサの単位はμF（p = pF）です。
3. ⚠マークのある部品は安全規格重要部品です。交換するときは必ずティアック指定の部品を使用してください。

NOTES:

1. Resistor values are in ohms (k=kilo-ohms, M=megohms).
2. Capacitor values are in microfarads (p=picofarads).
3. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components-refer to the appropriate parts list and ensure exact replacement.


4
5
6
7
8
9
U302 TC4066BP
U305 CXA1331S
U306 TC4066BP
U307 NJM4558S
U304 TC4066BP
U309 BU4051B
U311 M51143AL
U310 UPC1297CA
BU4051
L101 MPX
L201 MPX
L103
L203
STEP UP COIL
J31 PHONES
J32 4P JACK
LINE OUT
LINE
L
R
P307
P308
J35
U321 DTC124ES
U322 DTC124ES
U323 DTC124ES
U324 DTC124ES
U325 DTC124ES
U326 DTC124ES
U327 DTA124ES
U328 DTA124ES
U329 DTA124ES
U330 DTA124ES
U331 DTA124ES
U332 DTA124ES
U333 DTA124ES
U334 DTA124ES
U335 DTA124ES
U336 DTA124ES
U337 DTA124ES
U338 DTC124ES
U339 DTC124ES
U340 DTC124ES
U341 DTA124ES
U342 DTA124ES
D304 1SS133T
D305 1SS133T
D303 1SS133T
D306 1SS133T
D307 1SS133T
REC MUTE II
PLAY MUTE
CrO2 I
CrO2 II
METAL.II
R/P NR
PLAY I/II
R/P H.I
R/P H.II
G[1..6]
H[1..3]
I[1..3]
A[1..3]
U7 M5F 78M07L
Q307 M5F 79M07L
D24 1N4003
D25 1N4003
D26 1N4003
D27 1N4003
D28 1N4003
D29 1N4003
C320 3300u 25V
C321 2200u 25V
C322 2200u 25V
C324 100u 10V
C325 100u 10V
P305 3P PLUG
AC IN
P306 8P PLUG
+5V
RIGHT CH
REC MUTE
LIGHT CH
BIAS I
METAL I
CrO2 I
T.P

	METAL	CrO2	HS.DUB		
	A	B	C		
NOR SPED	L	L	H	X4	N
	L	H	H	X6	C
	H	H	H	X7	M
HS. SPED	L	L	L	X0	N
	L	H	L	X2	C
	H	H	L	X3	M

NOTES:
1. Resistor values are in ohms (k=kilo-ohms, M=megohms).
2. Capacitor values are in microfarads (p=picofarads).
3. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components-refer to the appropriate parts list and ensure exact replacement.

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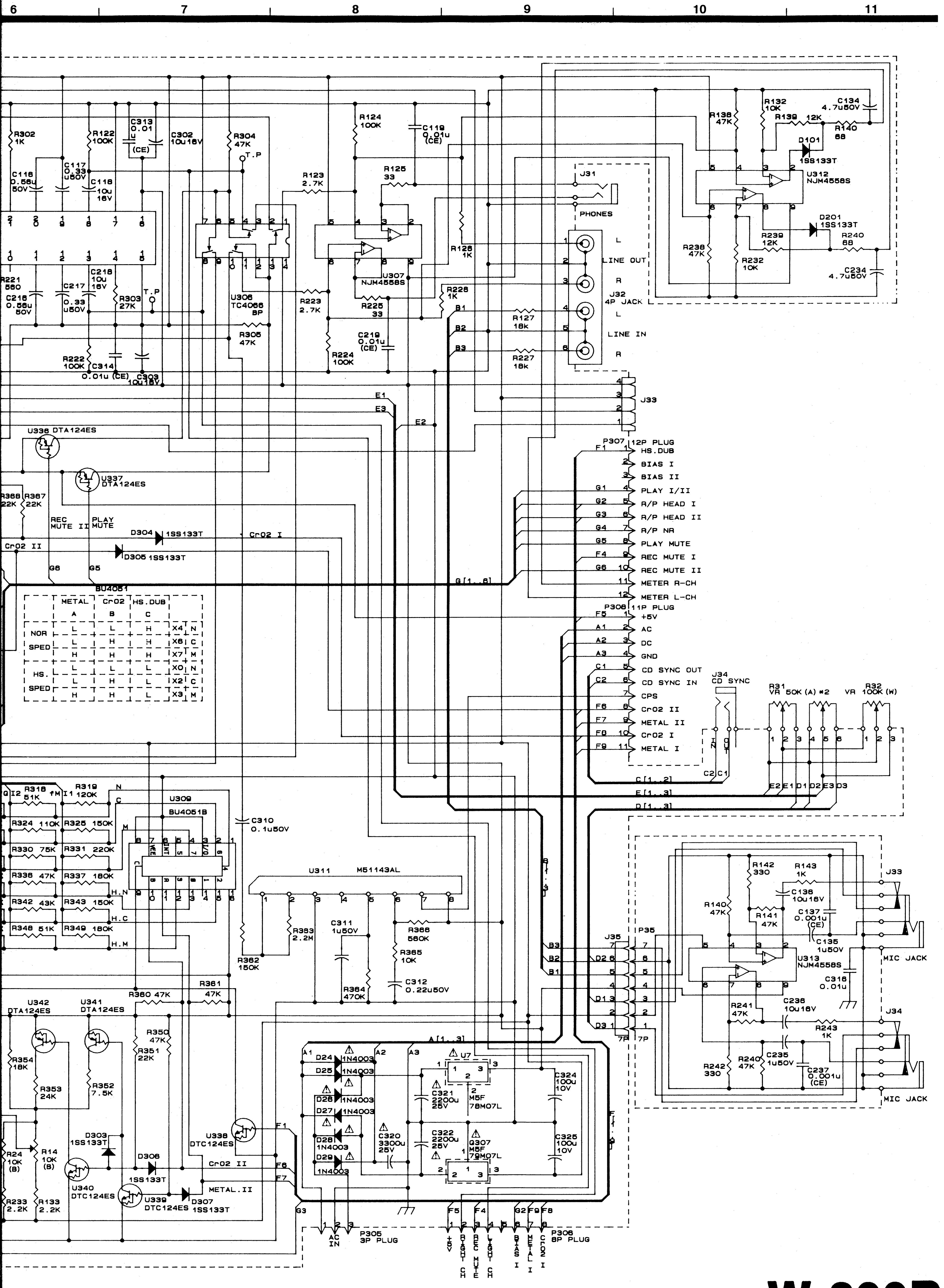
6
7
8
9
10
11
R302 1K
C116 0.56u 50V
C117 0.33 u50V
R122 100K
C313 0.01 (CE)
C302 10u16V
C118 10u 16V
R304 47K
T.P
R124 100K
C119 0.01u (CE)
R123 2.7K
R125 33
J31
PHONES
R221 560
C216 0.56u 50V
C217 0.33 u50V
C218 10u 16V
R303 27K
R222 100K
C314 0.01u (CE)
C303 10u16V
U306 TC4066 BP
R305 47K
R223 2.7K
U307 NJM4558S
R225 33
C219 0.01u (CE)
R224 100K
R128 1K
R226 1K
B1
B2
B3
R127 18k
R227 18k
LINE OUT
L
R
J32 4P JACK
LINE IN
R136 47K
R132 10K
C134 4.7u50V
R139 12K
R140 68
D101 1SS133T
U312 NJM4558S
D201 1SS133T
R236 47K
R239 12K
R240 68
R232 10K
C234 4.7u50V
J33
E1
E3
E2
U336 DTA124ES
U337 DTA124ES
R368 22K
R367 22K
REC MUTE II
PLAY MUTE
D304 1SS133T
D305 1SS133T
CrO2 I
CrO2 II
G6
G5
G[1..6]
BU4051
METAL A
CrO2 B
HS.DUB C
NOR SPED
HS. SPED
L L H X4 N
L H H X6 C
H H H X7 M
L L L X0 N
L H L X2 C
H H L X3 M
P307 12P PLUG
F1 1 HS.DUB
2 BIAS I
3 BIAS II
G1 4 PLAY I/II
G2 5 R/P HEAD I
G3 6 R/P HEAD II
G4 7 R/P NR
G5 8 PLAY MUTE
F4 9 REC MUTE I
G6 10 REC MUTE II
11 METER R-CH
12 METER L-CH
P308 11P PLUG
F5 1 +5V
A1 2 AC
A2 3 DC
A3 4 GND
C1 5 CD SYNC OUT
C2 6 CD SYNC IN
7 CPS
F6 8 CrO2 II
F7 9 METAL II
F8 10 CrO2 I
F9 11 METAL I
J34 CD SYNC
IN
OUT
R31 VR 50K (A) *2
VR R32 100K (W)
C[1..2]
E[1..3]
D[1..3]
C2 C1
E2 E1 D1 D2 E3 D3
R318 51K
R319 120K
N
C
M
U309 BU4051B
R324 110K
R325 150K
R330 75K
R331 220K
R336 47K
R337 180K
R342 43K
R343 150K
R348 51K
R349 180K
H.N
H.C
H.M
C310 0.1u50V
U311 M51143AL
R363 2.2M
C311 1u50V
R366 560K
R365 10K
R362 150K
R364 470K
C312 0.22u50V
R360 47K
R361 47K
U342 DTA124ES
U341 DTA124ES
R350 47K
R351 22K
R354 18K
R353 24K
R352 7.5K
R24 10K (B)
R14 10K (B)
D303 1SS133T
D306 1SS133T
U340 DTC124ES
U339 DTC124ES
D307 1SS133T
U338 DTC124ES
METAL.II
R233 2.2K
R133 2.2K
F1
F6
F7
G3
A[1..3]
A1
A2
A3
D24 1N4003
D25 1N4003
D26 1N4003
D27 1N4003
D28 1N4003
D29 1N4003
U7 M5F 78M07L
C321 2200u 25V
C320 3300u 25V
C322 2200u 25V
Q307 M5F 79M07L
C324 100u 10V
C325 100u 10V
P305 3P PLUG
AC IN
P306 8P PLUG
+5V
RIGHT CH
REC MUTE
LIGHT CH
BIAS I
METAL I
CrO2 I
F5 F4 G2 F9 F8
J35
P35
7P
D2
D1
D3
R142 330
R143 1K
C136 10u16V
R140 47K
R141 47K
C137 0.001u (CE)
C135 1u50V
U313 NJM4558S
C316 0.01u
MIC JACK
J34
R241 47K
C236 10u16V
R243 1K
R242 330
R240 47K
C235 1u50V
C237 0.001u (CE)

W-800R

Double Auto Reverse Cassette Deck

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